

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX071019\
 Data File : VX010766.D
 Acq On : 10 Jul 2019 09:52
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 7/11/2019 10:53:53 AM

Quant Time: Jul 11 01:25:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	220441	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	324682	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	297504	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161927	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	99634	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	
35) Dibromofluoromethane	5.49	113	97703	49.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.36%	
50) Toluene-d8	8.71	98	355591	46.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.58%	
62) 4-Bromofluorobenzene	11.13	95	136071	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	91827	59.917	ug/l	100
3) Chloromethane	1.32	50	92556	51.864	ug/l	99
4) Vinyl Chloride	1.41	62	100822	51.580	ug/l	99
5) Bromomethane	1.64	94	52702	55.343	ug/l	98
6) Chloroethane	1.71	64	65390	56.703	ug/l	96
7) Trichlorofluoromethane	1.92	101	174167	56.208	ug/l	97
8) Diethyl Ether	2.18	74	61312	55.176	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	103028	54.867	ug/l	99
10) Methyl Iodide	2.51	142	130372	48.649	ug/l	97
11) Tert butyl alcohol	3.04	59	112718	208.417	ug/l	98
12) 1,1-Dichloroethene	2.37	96	100129	52.403	ug/l	97
13) Acrolein	2.29	56	66215	184.560	ug/l	100
14) Allyl chloride	2.73	41	142936	52.692	ug/l	98
15) Acrylonitrile	3.14	53	272713	254.687	ug/l	99
16) Acetone	2.44	43	294745	284.546	ug/l	97
17) Carbon Disulfide	2.57	76	247308	48.244	ug/l	99
18) Methyl Acetate	2.77	43	106299	51.489	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	316154	52.596	ug/l	98
20) Methylene Chloride	2.85	84	112834	52.931	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	106274	51.715	ug/l	97
22) Diisopropyl ether	3.85	45	302553	53.345	ug/l	100
23) Vinyl Acetate	3.81	43	1333063	272.072	ug/l	100
24) 1,1-Dichloroethane	3.69	63	172553	52.633	ug/l	98
25) 2-Butanone	4.67	43	403644	265.651	ug/l	99
26) 2,2-Dichloropropane	4.58	77	145169	50.974	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	121389	51.117	ug/l	99
28) Bromochloromethane	5.01	49	74923	47.799	ug/l	94
29) Tetrahydrofuran	5.12	42	236783	251.586	ug/l	99
30) Chloroform	5.21	83	184198	52.219	ug/l	100
31) Cyclohexane	5.57	56	160386	53.723	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	162911	52.305	ug/l	100
36) 1,1-Dichloropropene	5.79	75	136237	52.803	ug/l	99
37) Ethyl Acetate	4.83	43	139307	52.484	ug/l	99
38) Carbon Tetrachloride	5.78	117	146643	52.487	ug/l	97

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 Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	182918	53.935	ug/l	96
40) Benzene	6.14	78	422351	52.543	ug/l	99
41) Methacrylonitrile	5.04	41	76260	52.363	ug/l	99
42) 1,2-Dichloroethane	6.18	62	137894	56.356	ug/l	98
43) Isopropyl Acetate	6.44	43	229489	52.258	ug/l	98
44) Trichloroethene	7.21	130	124285	51.672	ug/l	99
45) 1,2-Dichloropropane	7.51	63	106514	52.473	ug/l	100
46) Dibromomethane	7.66	93	77464	53.189	ug/l	96
47) Bromodichloromethane	7.89	83	140397	52.603	ug/l	99
48) Methyl methacrylate	7.76	41	110855	54.308	ug/l	98
49) 1,4-Dioxane	7.74	88	57433	976.708	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	753433	268.256	ug/l	98
52) Toluene	8.78	92	279820	52.861	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155749	52.049	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	172035	52.904	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	116262	53.254	ug/l	99
56) Ethyl methacrylate	9.18	69	174597	52.794	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180859	53.368	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	362011	230.483	ug/l	99
59) 2-Hexanone	9.49	43	604075	273.276	ug/l	98
60) Dibromochloromethane	9.58	129	126468	51.738	ug/l	99
61) 1,2-Dibromoethane	9.67	107	121855	51.711	ug/l	98
64) Tetrachloroethene	9.34	164	126223	52.455	ug/l	97
65) Chlorobenzene	10.13	112	314891	52.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115176	52.352	ug/l	100
67) Ethyl Benzene	10.25	91	546839	53.629	ug/l	98
68) m/p-Xylenes	10.35	106	427535	108.210	ug/l	100
69) o-Xylene	10.69	106	204656	52.673	ug/l	98
70) Styrene	10.71	104	356379	54.693	ug/l	99
71) Bromoform	10.85	173	94719	49.508	ug/l	99
73) Isopropylbenzene	11.02	105	555518	50.609	ug/l	98
74) N-amyl acetate	10.90	43	215581	51.968	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	176822	48.642	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	148706m	50.396	ug/l	
77) Bromobenzene	11.26	156	149900	48.907	ug/l	98
78) n-propylbenzene	11.36	91	642693	53.274	ug/l	99
79) 2-Chlorotoluene	11.42	91	363581	50.612	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	469879	51.926	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	55231	43.666	ug/l	92
82) 4-Chlorotoluene	11.51	91	430258	52.635	ug/l	99
83) tert-Butylbenzene	11.77	119	463264	51.007	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	479272	52.717	ug/l	100
85) sec-Butylbenzene	11.94	105	559332	52.451	ug/l	100
86) p-Isopropyltoluene	12.06	119	521506	52.871	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	270377	50.536	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	272148	49.965	ug/l	99
89) n-Butylbenzene	12.38	91	455762	54.376	ug/l	100
90) Hexachloroethane	12.60	117	82566	48.410	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	265346	49.902	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35914	45.823	ug/l	94

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MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188943	51.239	ug/l	99
94) Hexachlorobutadiene	13.78	225	94378	52.368	ug/l	99
95) Naphthalene	13.83	128	556778	49.134	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	185240	50.525	ug/l	99

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

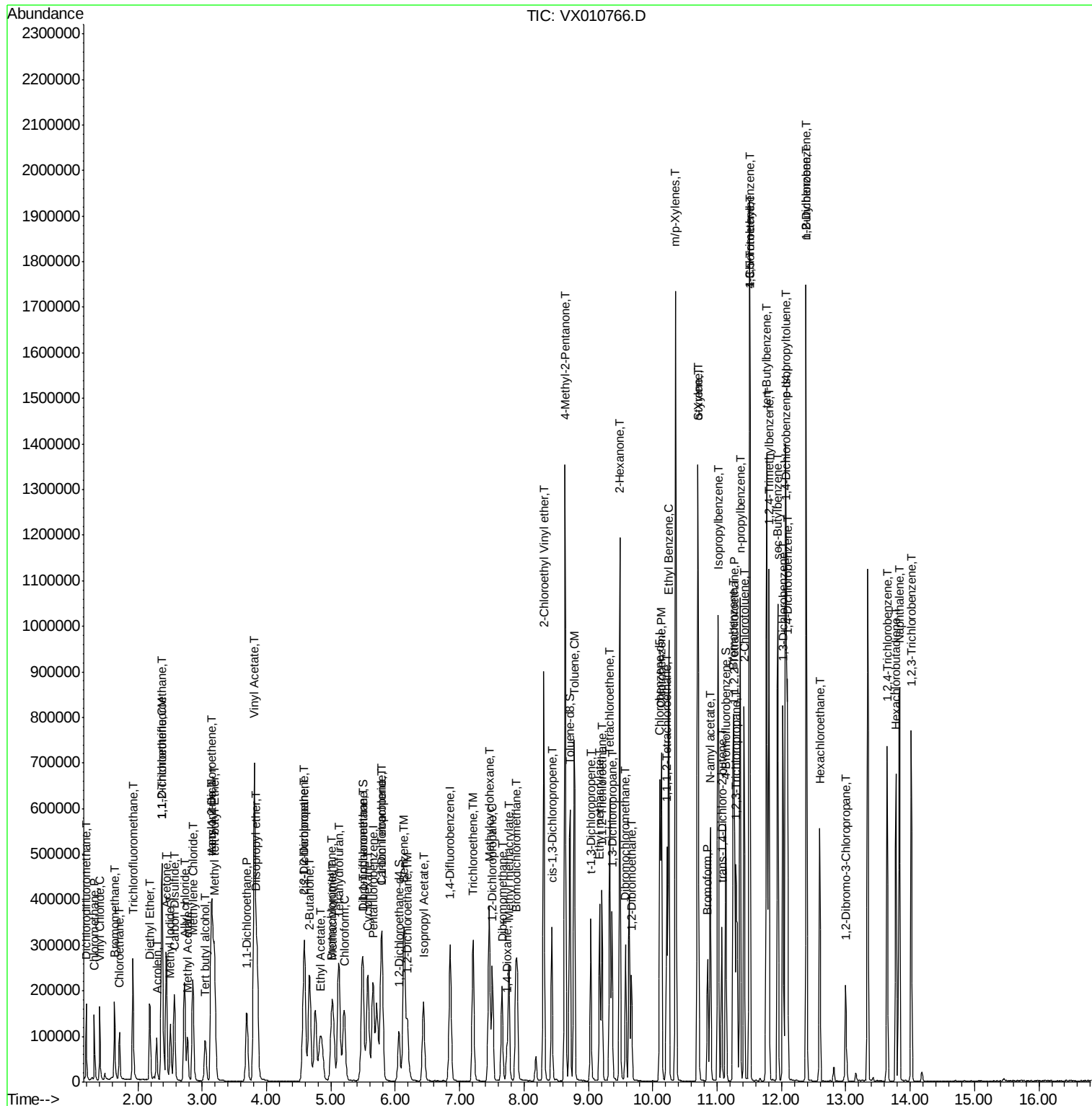
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Data File : VX010766.D
Acq On : 10 Jul 2019 09:52
Operator : JC/SP
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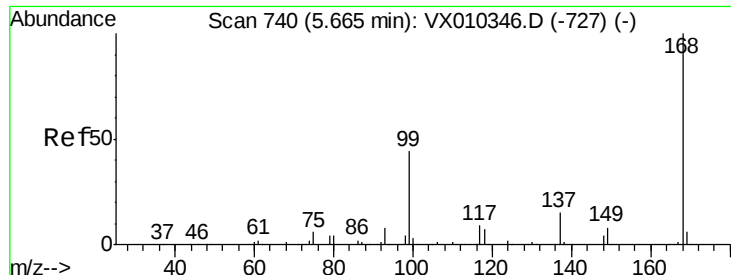
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050

Manual Integrations
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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 168 Resp: 220441

Ion Ratio Lower Upper

168 100

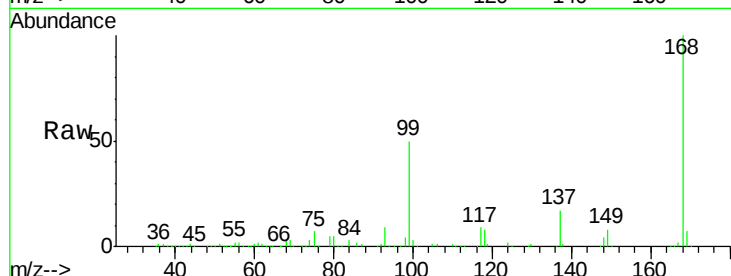
99 49.4 35.5 53.3

Manual Integrations

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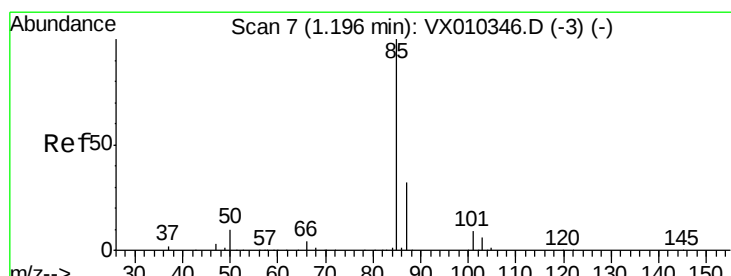
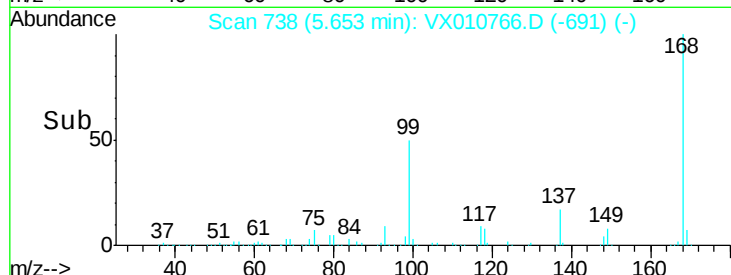
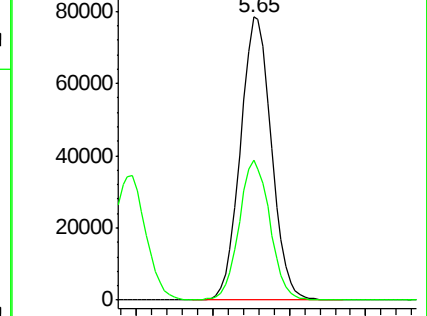
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 59.917 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010766.D

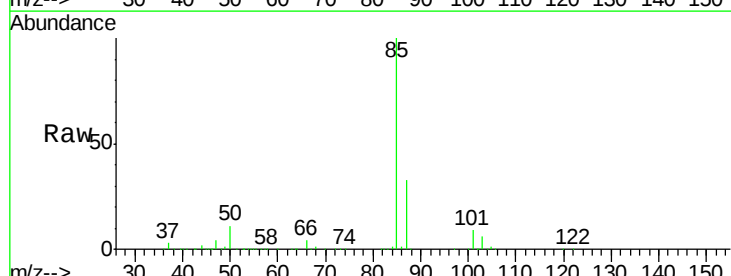
Acq: 10 Jul 2019 09:52

Tgt Ion: 85 Resp: 91827

Ion Ratio Lower Upper

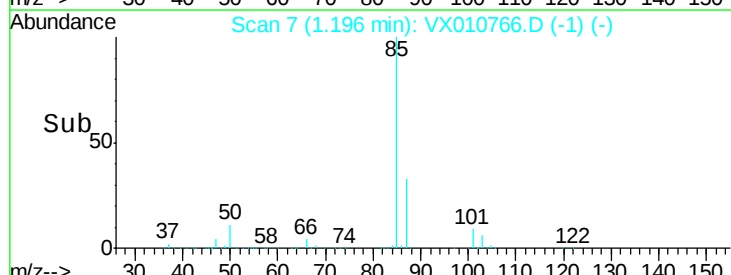
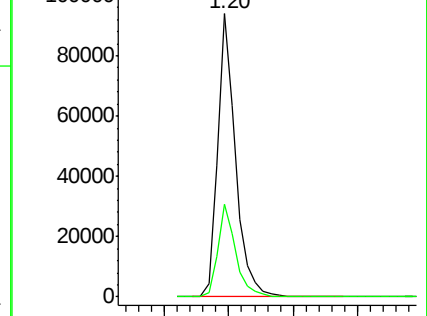
85 100

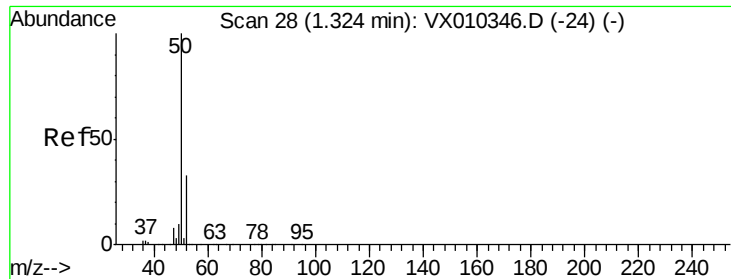
87 32.7 16.3 48.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 51.864 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 92556

Ion Ratio Lower Upper

50 100

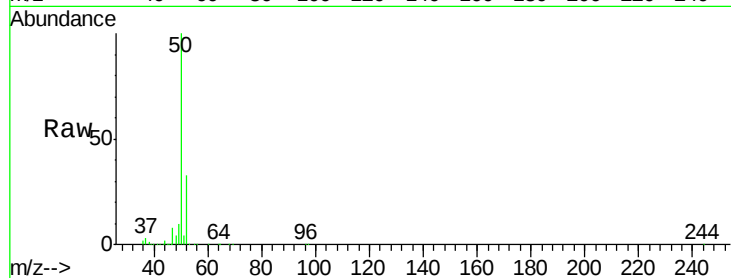
52 33.4 26.5 39.7

Manual Integrations

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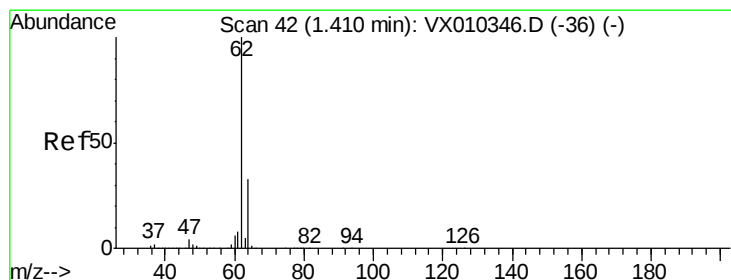
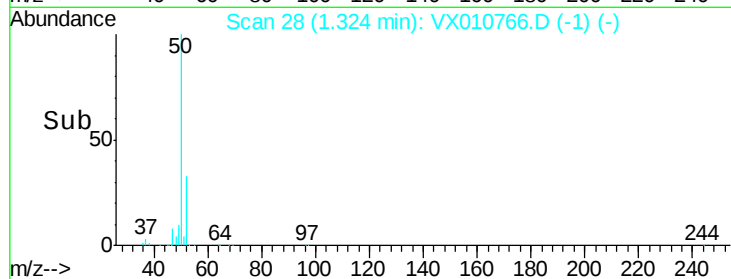
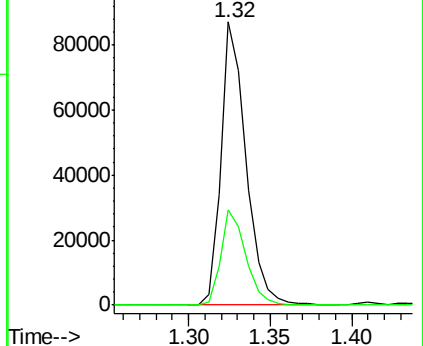
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 51.580 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010766.D

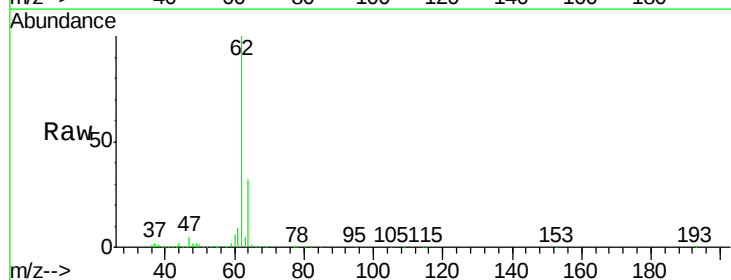
Acq: 10 Jul 2019 09:52

Tgt Ion: 62 Resp: 100822

Ion Ratio Lower Upper

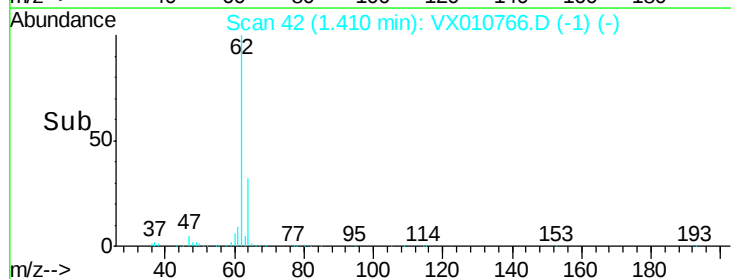
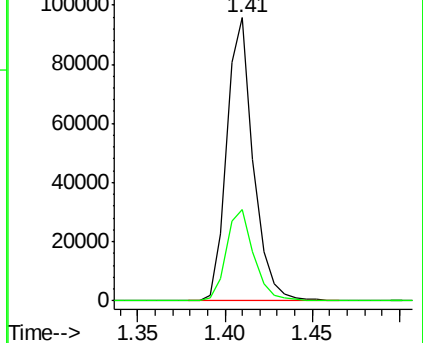
62 100

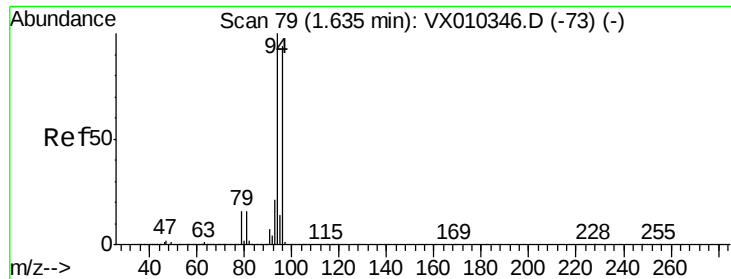
64 32.2 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 55.343 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 94 Resp: 52702

Ion Ratio Lower Upper

94 100

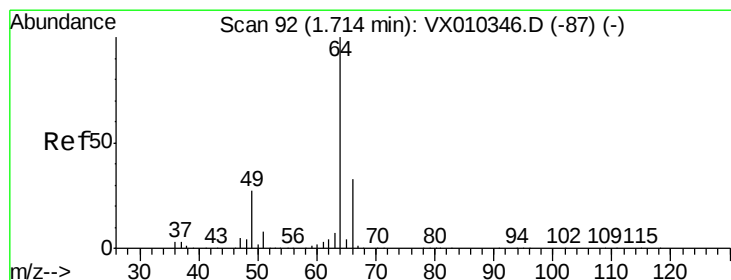
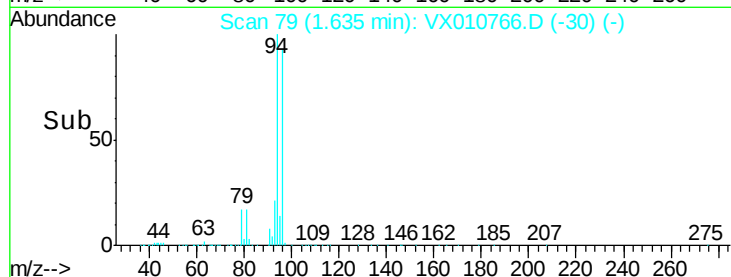
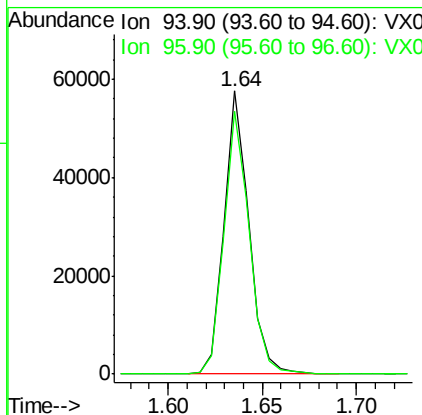
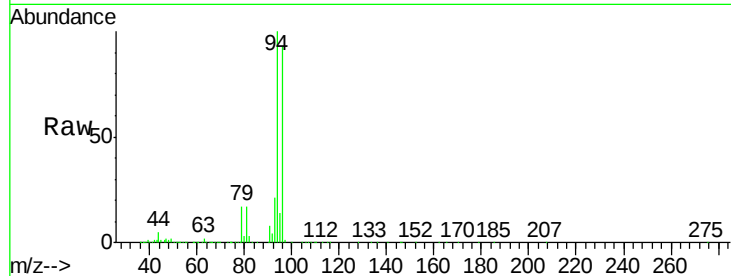
96 92.7 75.5 113.3

Manual Integrations

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#6

Chloroethane

Concen: 56.703 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010766.D

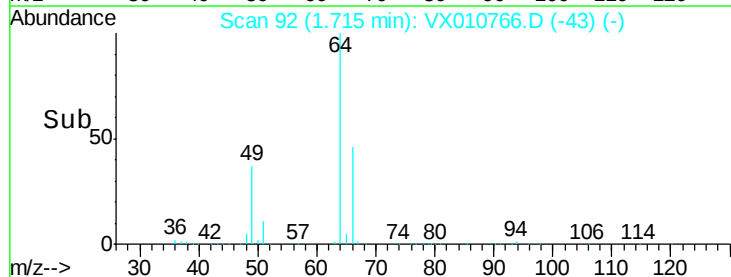
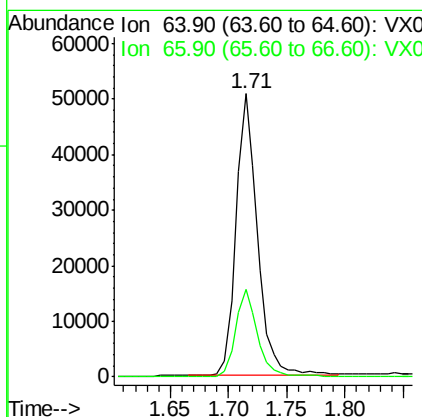
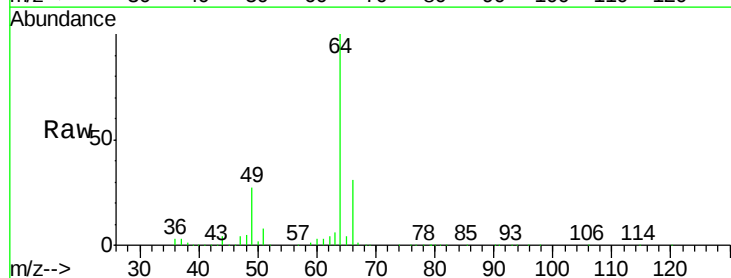
Acq: 10 Jul 2019 09:52

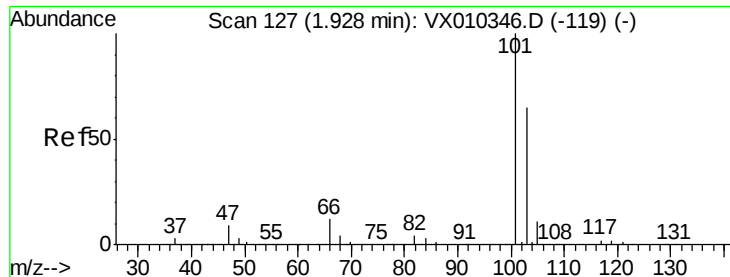
Tgt Ion: 64 Resp: 65390

Ion Ratio Lower Upper

64 100

66 31.0 26.6 40.0





#7

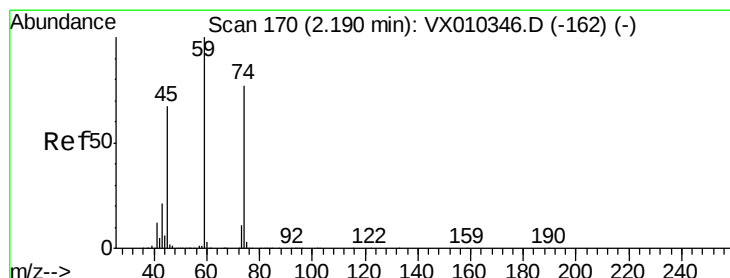
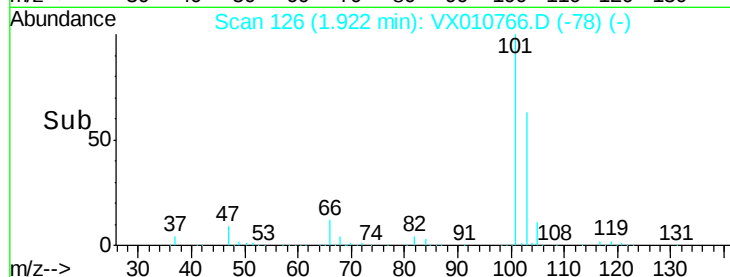
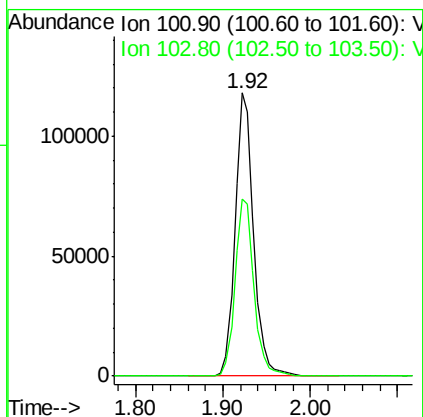
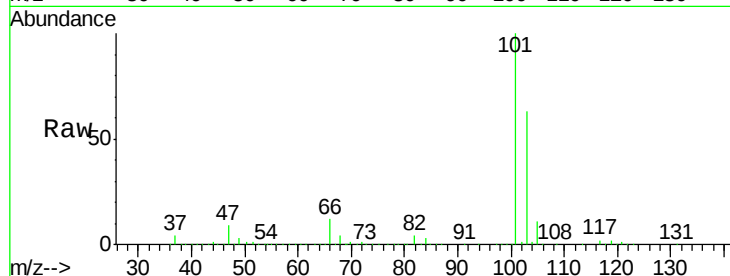
Trichlorofluoromethane
Concen: 56.208 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:101 Resp: 174167
Ion Ratio Lower Upper
101 100
103 62.7 52.3 78.5

Manual Integrations
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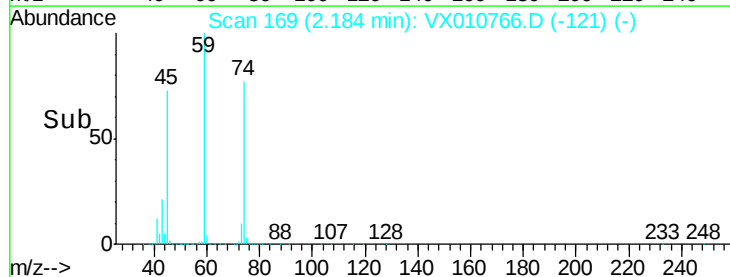
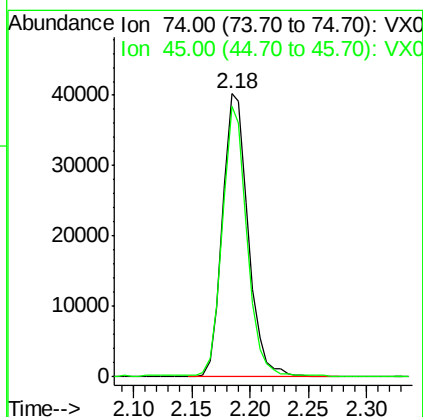
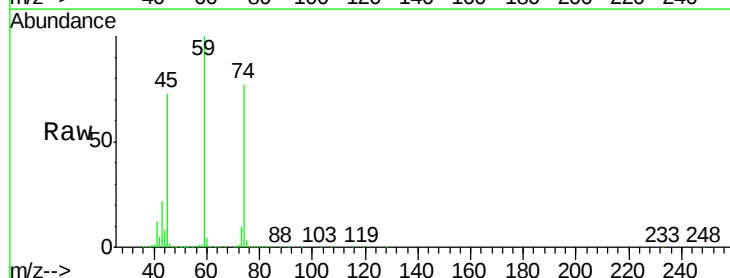
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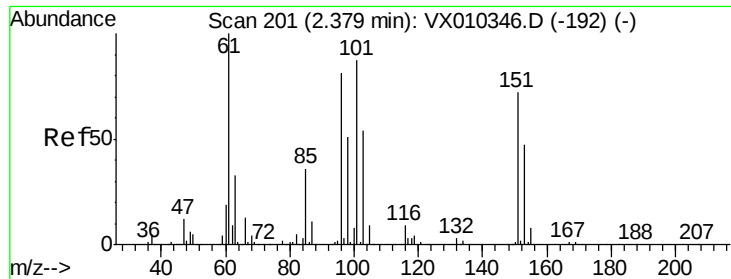


#8

Diethyl Ether
Concen: 55.176 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 74 Resp: 61312
Ion Ratio Lower Upper
74 100
45 90.8 44.8 134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 54.867 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

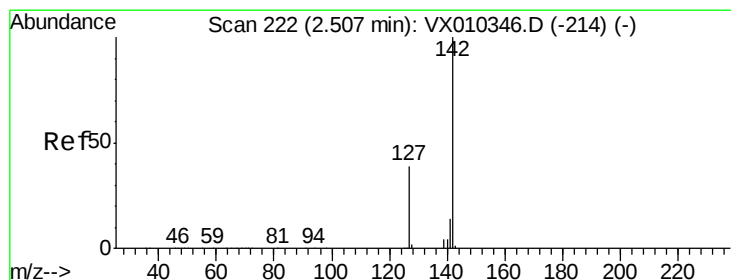
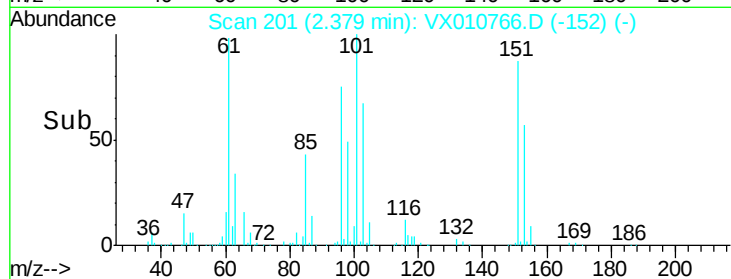
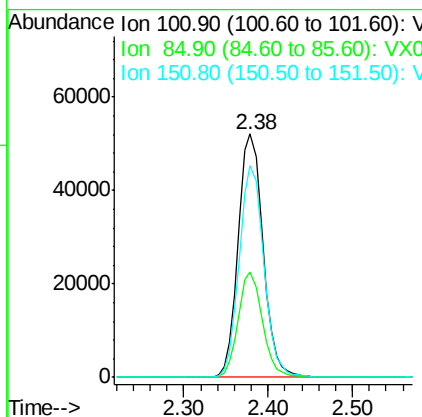
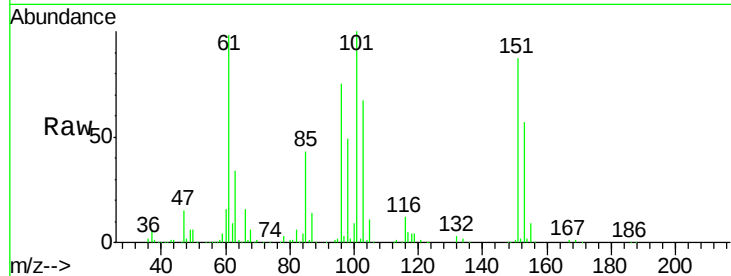
ClientSampleId :

VSTDCCC050

Tgt Ion:	101	Resp:	103028
Ion Ratio	Lower	Upper	
101	100		
85	42.3	33.7	50.5
151	86.1	70.1	105.1

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#10

Methyl Iodide

Concen: 48.649 ug/l

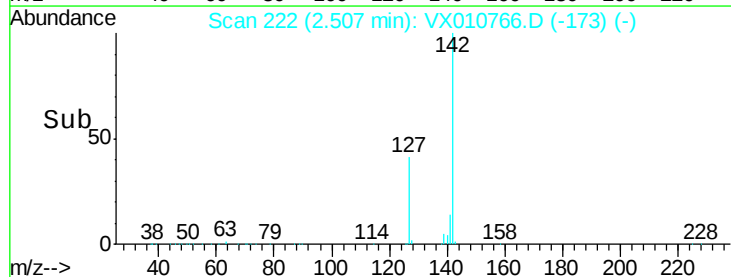
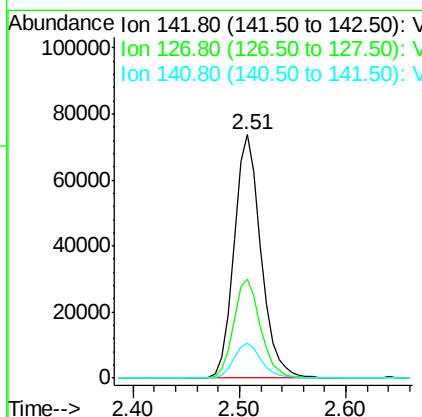
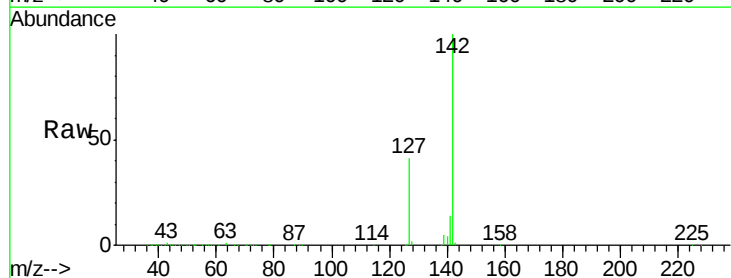
RT: 2.51 min Scan# 222

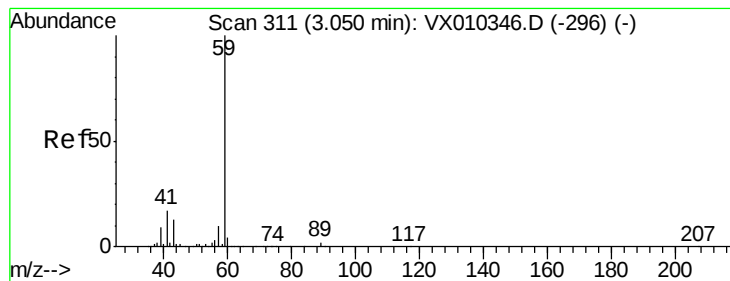
Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion:	142	Resp:	130372
Ion Ratio	Lower	Upper	
142	100		
127	41.1	31.1	46.7
141	14.5	11.2	16.8





#11

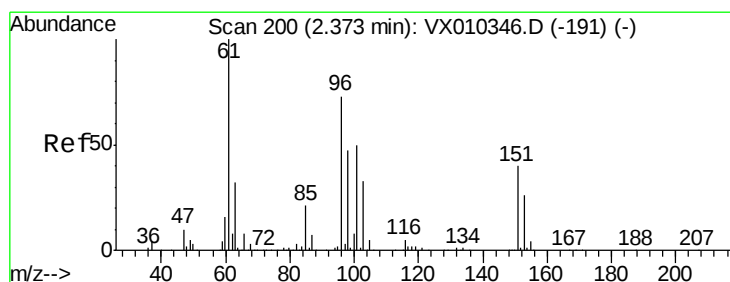
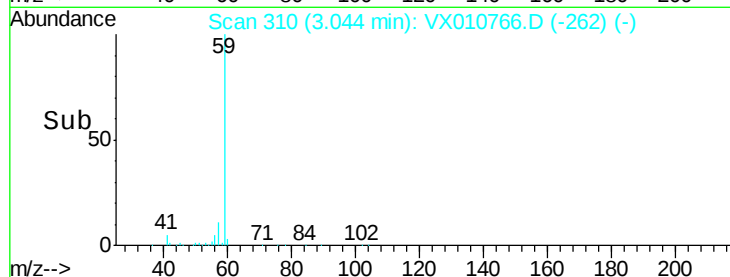
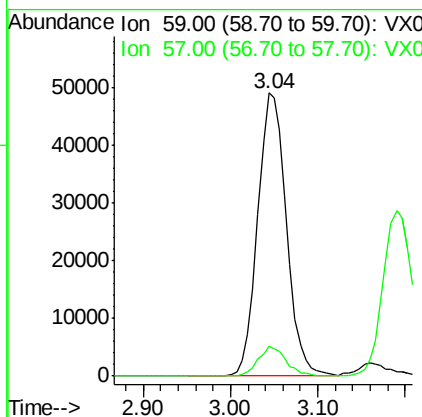
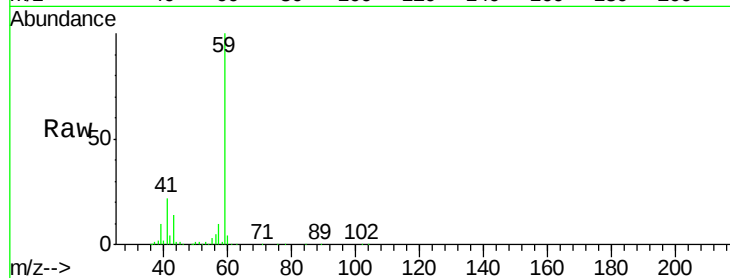
Tert butyl alcohol
Concen: 208.417 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 112718
Ion Ratio Lower Upper
59 100
57 10.2 7.7 11.5

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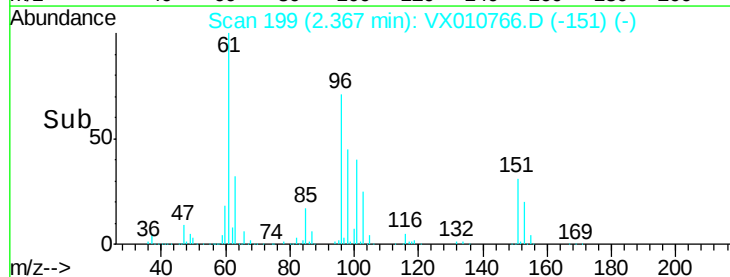
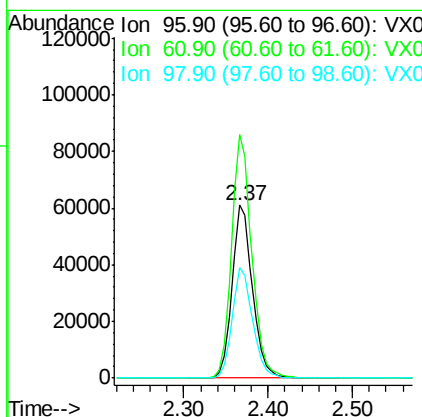
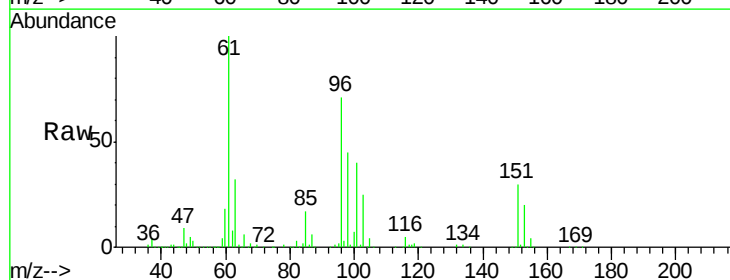
MMDadoda
7/11/2019 10:53:53 AM

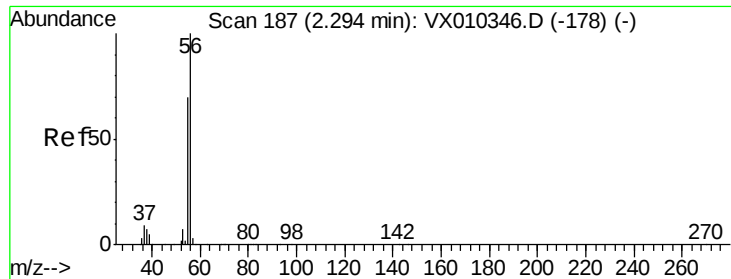


#12

1,1-Dichloroethene
Concen: 52.403 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 96 Resp: 100129
Ion Ratio Lower Upper
96 100
61 141.1 109.2 163.8
98 63.9 51.1 76.7





#13

Acrolein

Concen: 184.560 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 56 Resp: 66215

Ion Ratio Lower Upper

56 100

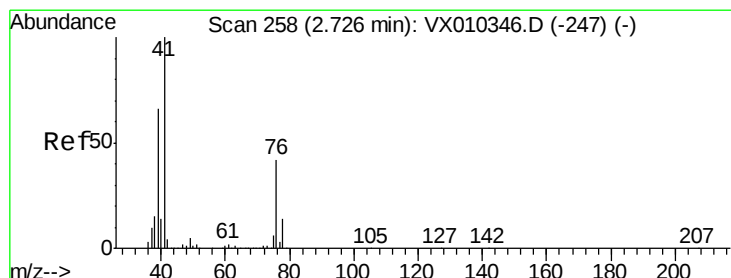
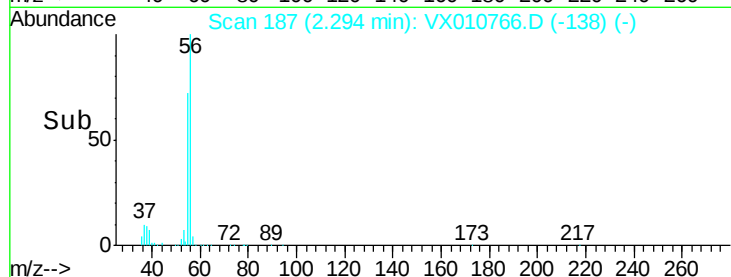
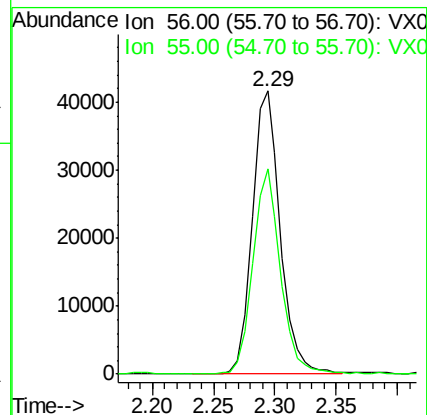
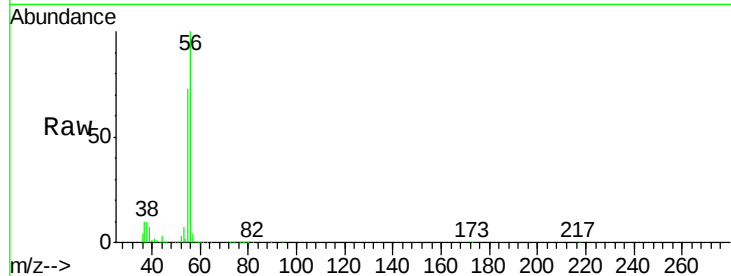
55 70.8 56.9 85.3

Manual Integrations

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#14

Allyl chloride

Concen: 52.692 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

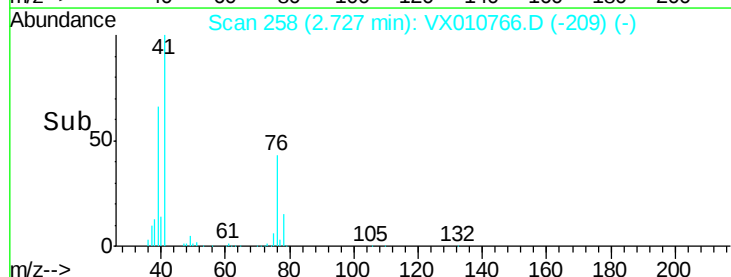
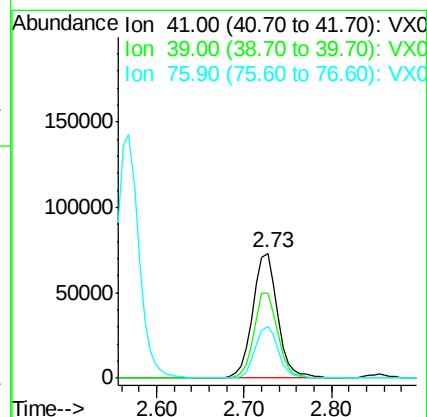
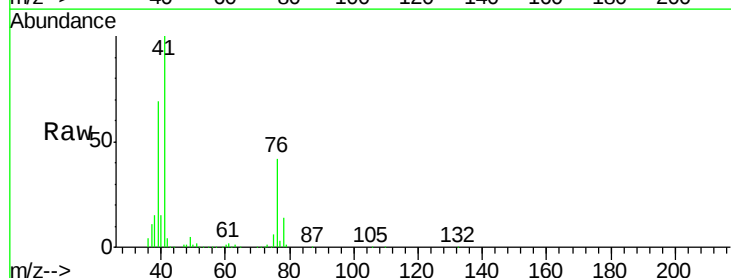
Tgt Ion: 41 Resp: 142936

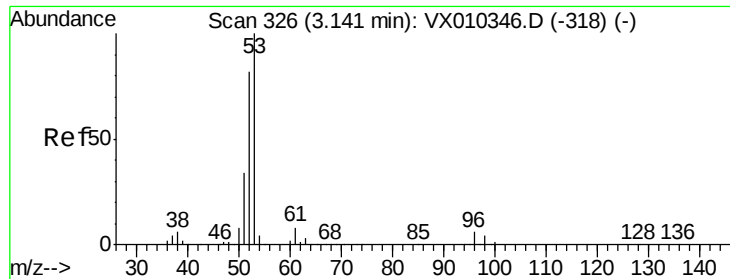
Ion Ratio Lower Upper

41 100

39 65.1 50.3 75.5

76 38.3 31.3 46.9





#15

Acrylonitrile

Concen: 254.687 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

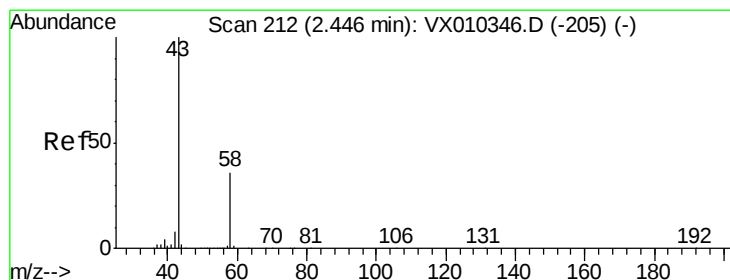
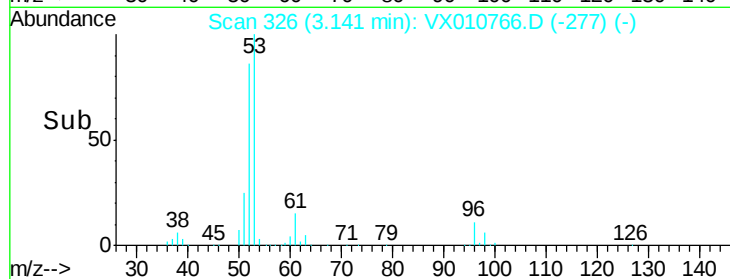
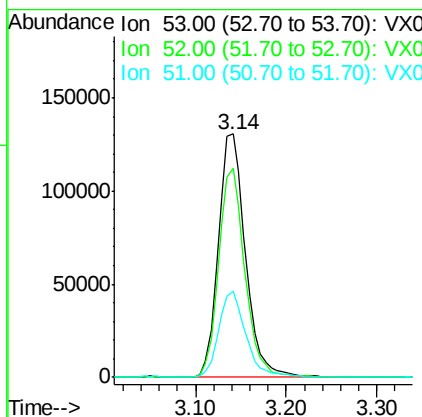
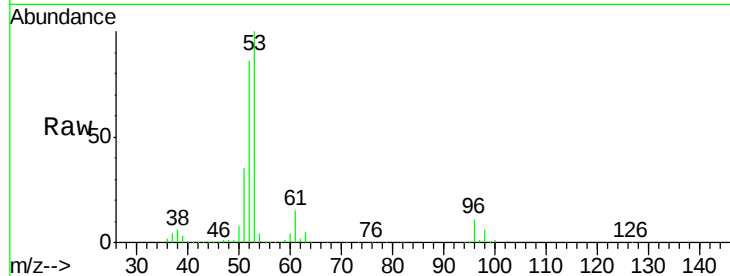
ClientSampleId :

VSTDCCC050

Tgt Ion:	53	Resp:	272713
Ion	Ratio	Lower	Upper
53	100		
52	83.3	65.5	98.3
51	35.2	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 284.546 ug/l

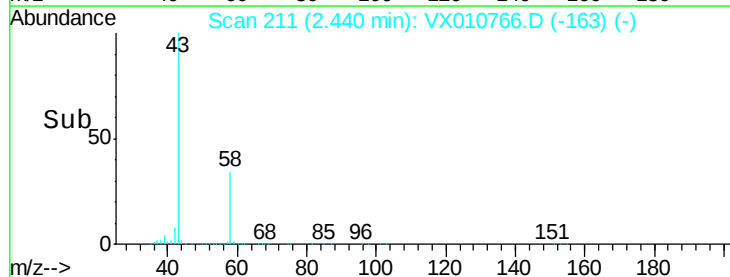
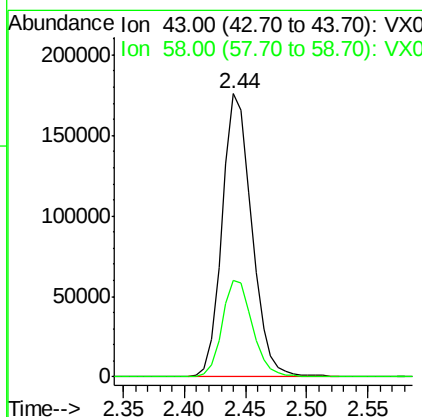
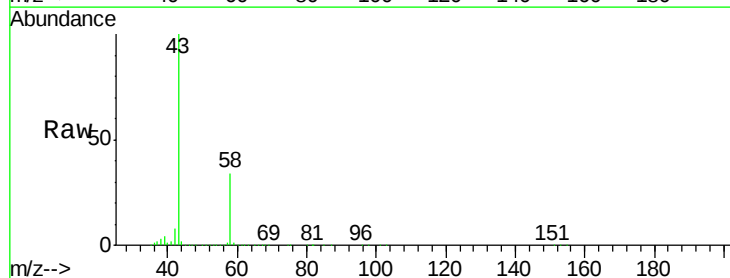
RT: 2.44 min Scan# 211

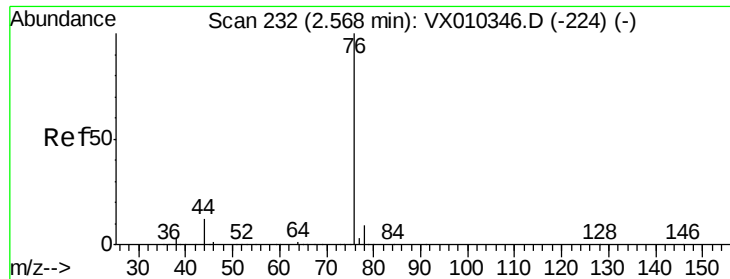
Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion:	43	Resp:	294745
Ion	Ratio	Lower	Upper
43	100		
58	34.2	28.9	43.3





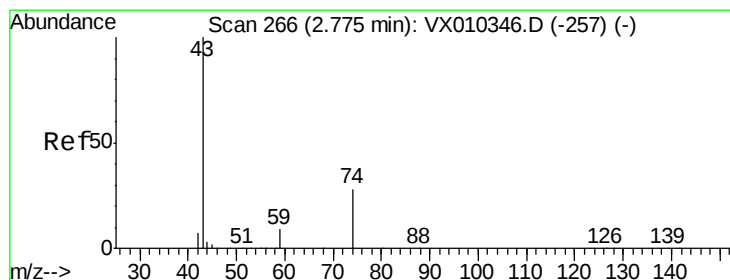
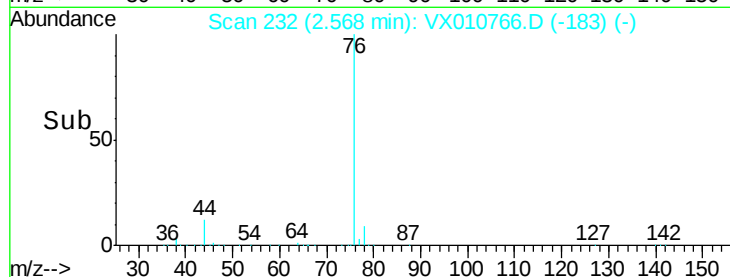
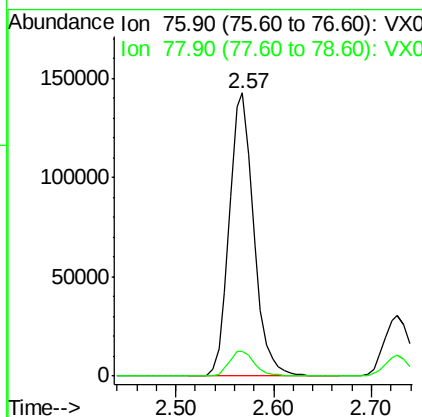
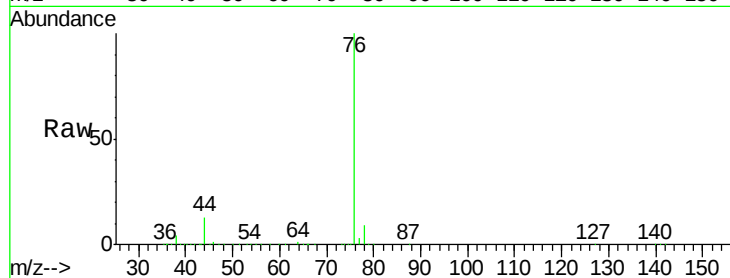
#17
Carbon Disulfide
Concen: 48.244 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.3	10.9

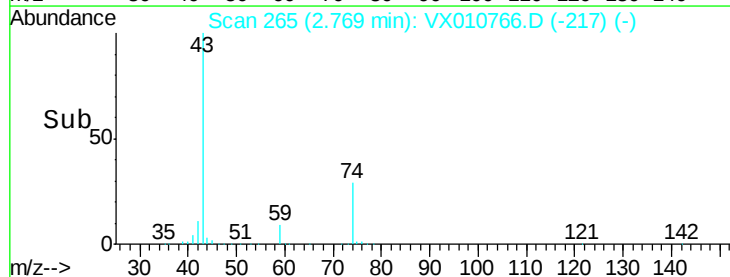
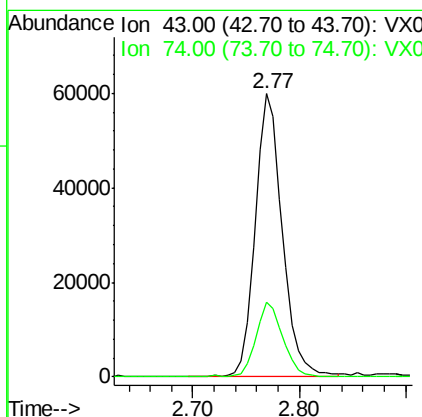
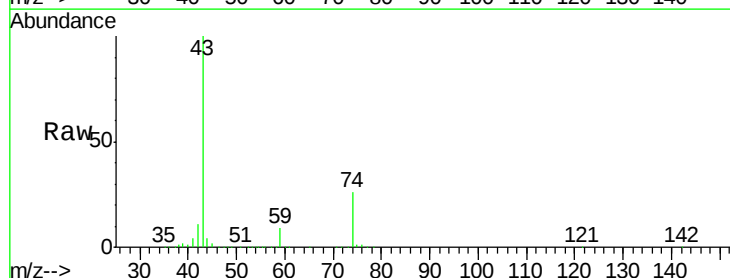
Manual Integrations
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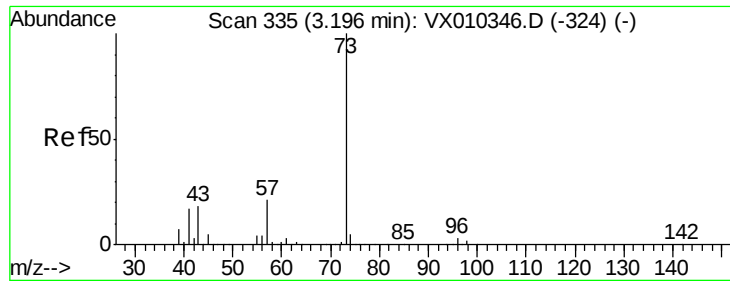
MMDadoda
7/11/2019 10:53:53 AM



#18
Methyl Acetate
Concen: 51.489 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
43	100		
74	25.9	21.3	31.9





#19

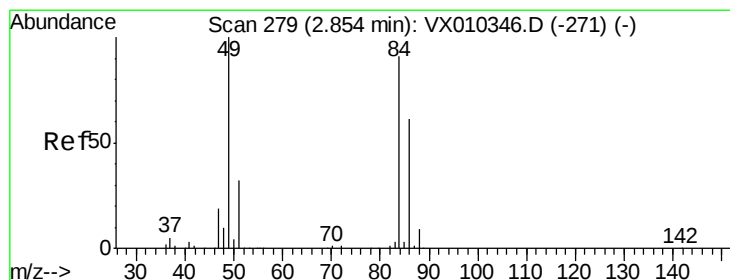
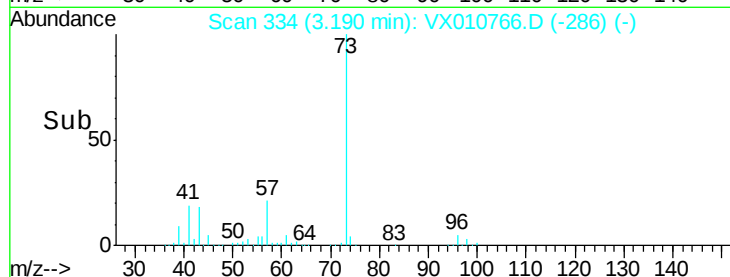
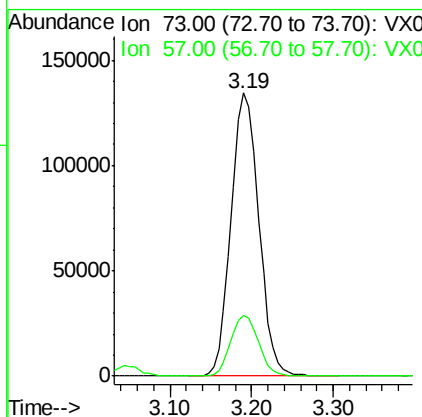
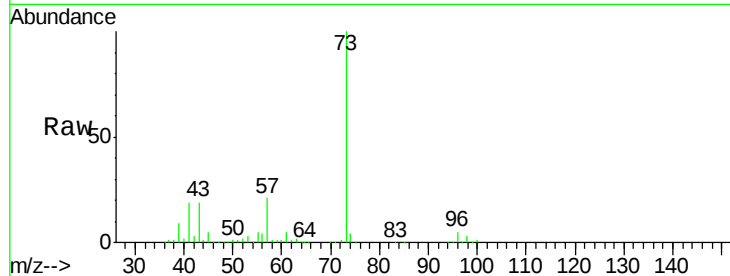
Methyl tert-butyl Ether
 Concen: 52.596 ug/l
 RT: 3.19 min Scan# 334
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 73 Resp: 316154
 Ion Ratio Lower Upper
 73 100
 57 21.3 16.4 24.6

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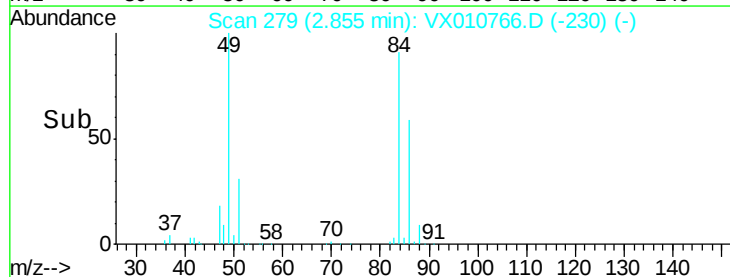
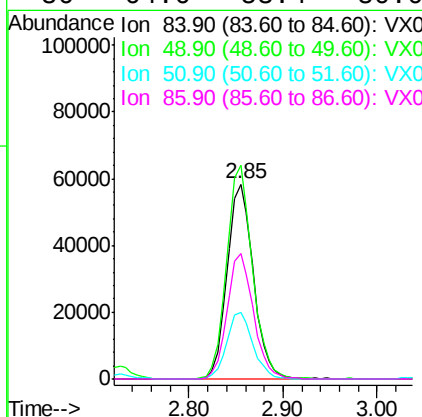
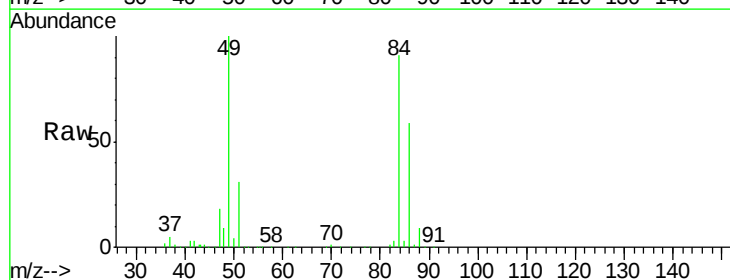
MMDadoda
 7/11/2019 10:53:53 AM



#20

Methylene Chloride
 Concen: 52.931 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 84 Resp: 112834
 Ion Ratio Lower Upper
 84 100
 49 109.5 87.5 131.3
 51 34.3 27.7 41.5
 86 64.6 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 51.715 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

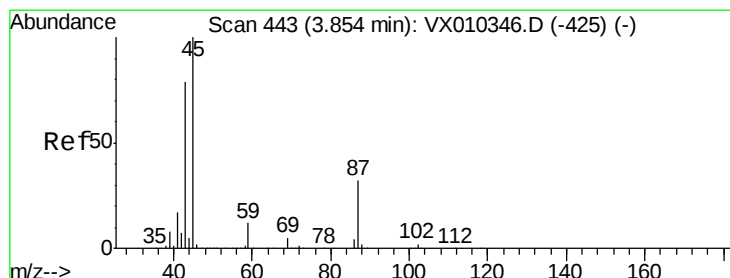
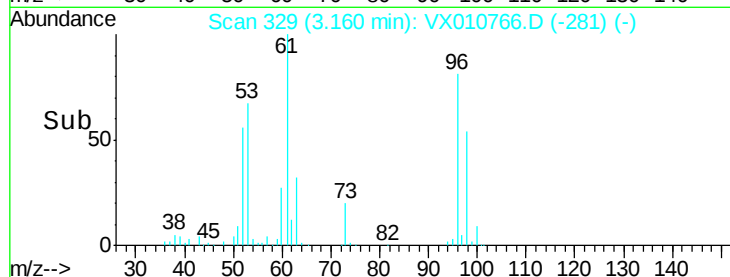
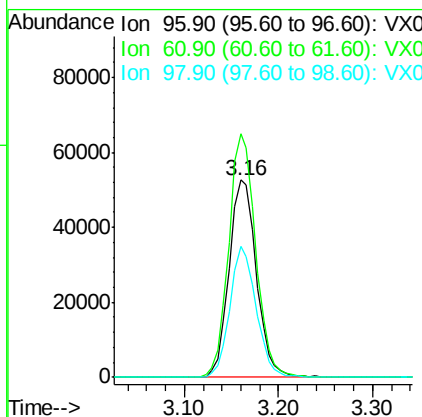
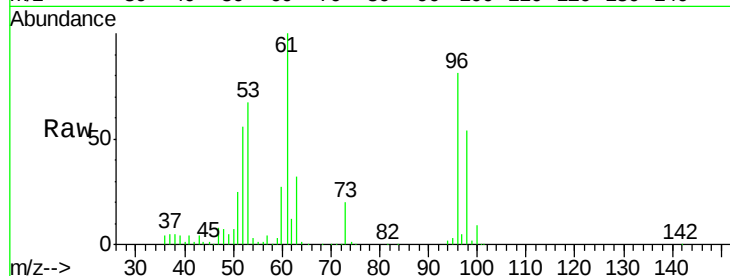
ClientSampleId :

VSTDCCC050

Tgt Ion:	96	Resp:	106274
Ion	Ratio	Lower	Upper
96	100		
61	123.5	95.6	143.4
98	66.8	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 53.345 ug/l

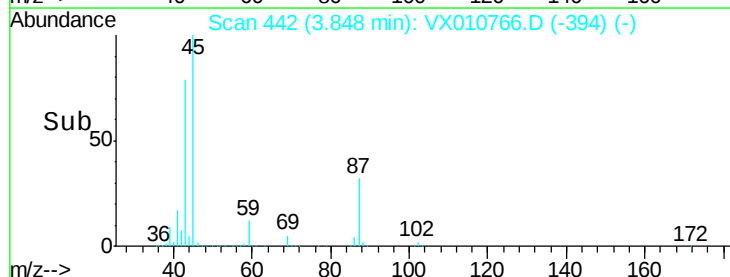
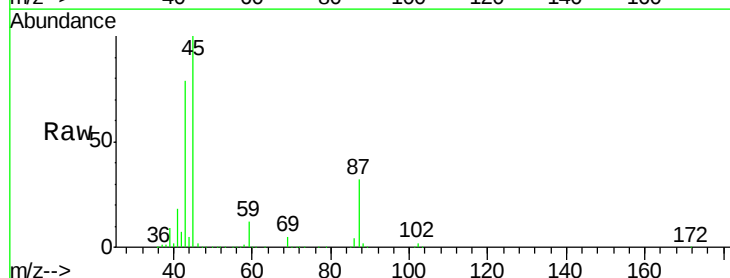
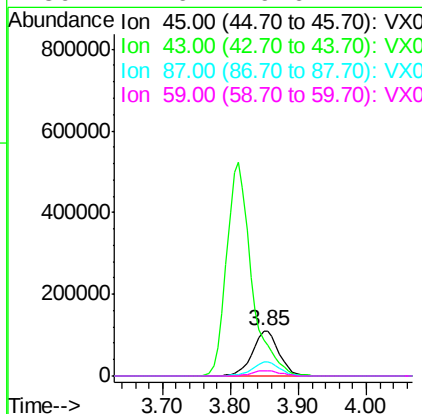
RT: 3.85 min Scan# 442

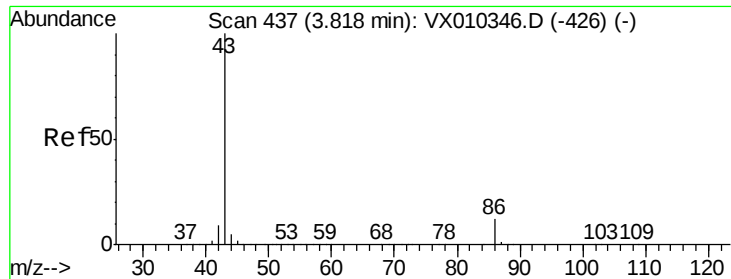
Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion:	45	Resp:	302553
Ion	Ratio	Lower	Upper
45	100		
43	78.8	63.3	94.9
87	31.9	25.8	38.8
59	11.6	9.6	14.4





#23

Vinyl Acetate

Concen: 272.072 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 1333063

Ion Ratio Lower Upper

43 100

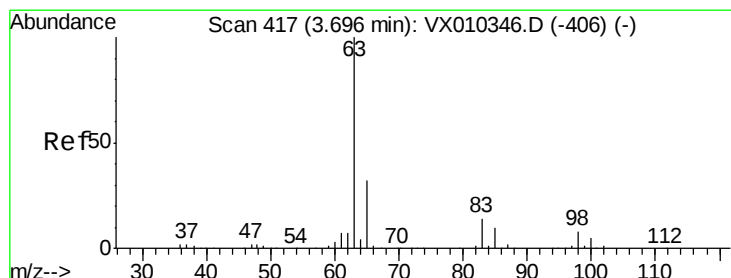
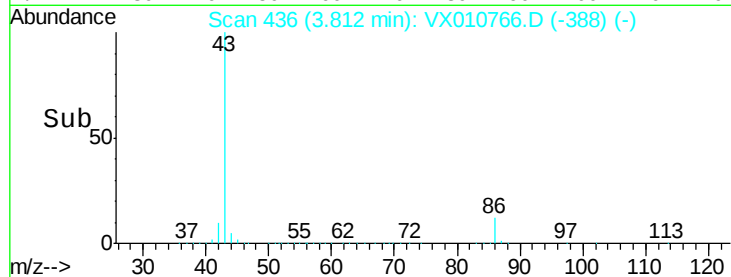
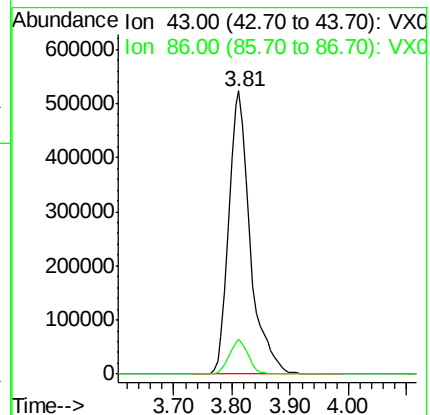
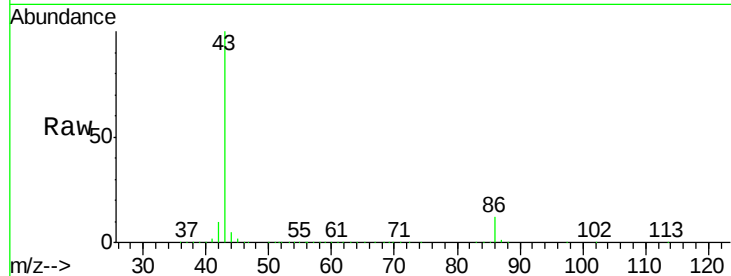
86 12.4 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 52.633 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

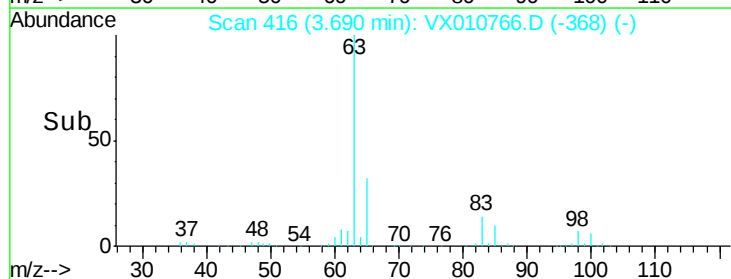
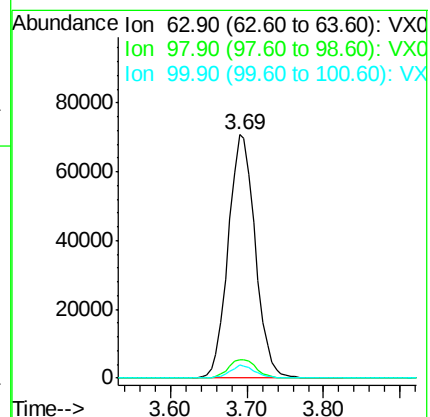
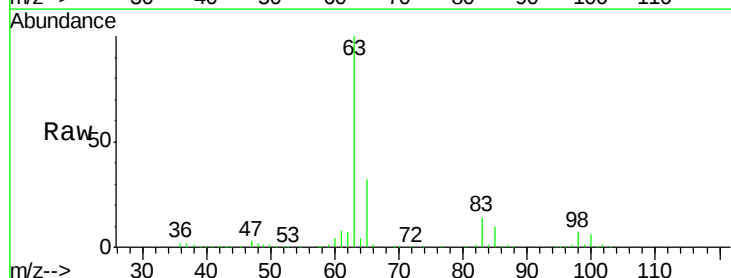
Tgt Ion: 63 Resp: 172553

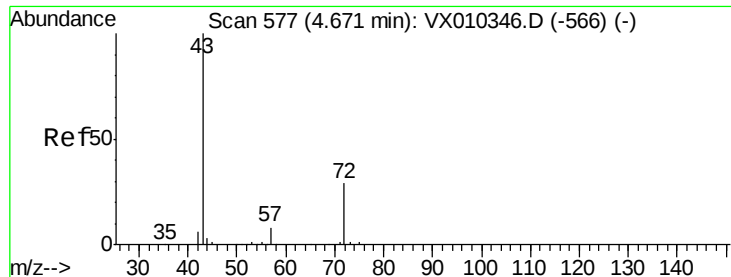
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.7

100 5.5 2.4 7.1





#25

2-Butanone

Concen: 265.651 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 403644

Ion Ratio Lower Upper

43 100

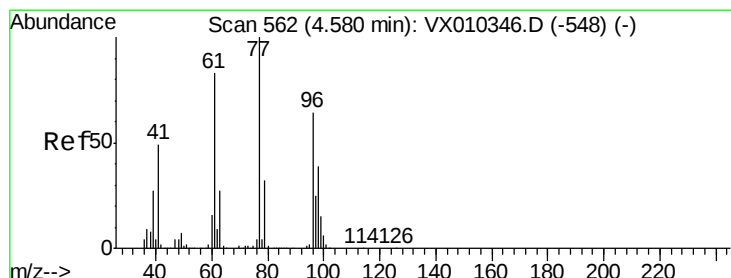
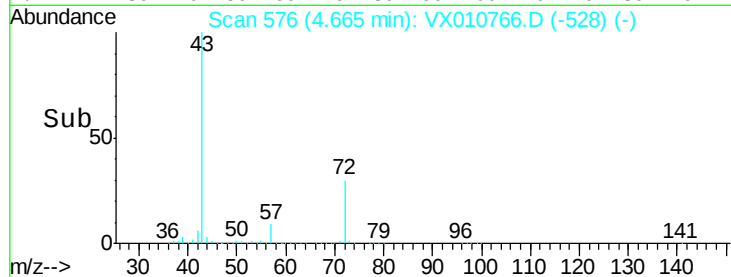
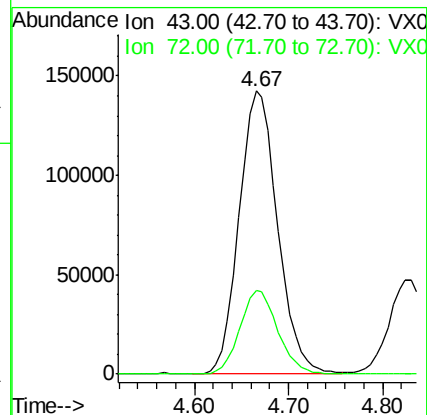
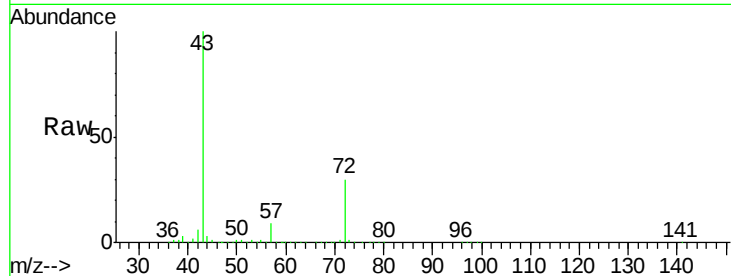
72 29.5 23.3 34.9

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.974 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX010766.D

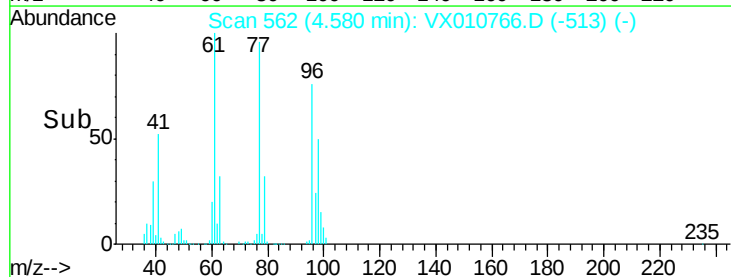
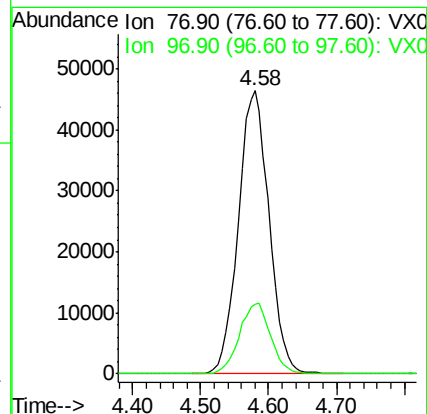
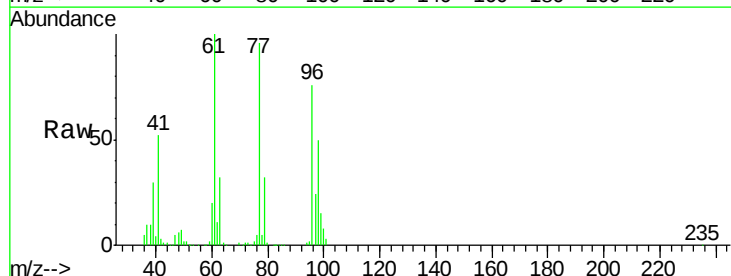
Acq: 10 Jul 2019 09:52

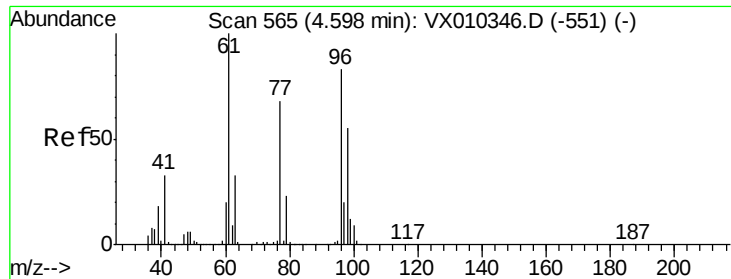
Tgt Ion: 77 Resp: 145169

Ion Ratio Lower Upper

77 100

97 25.4 13.1 39.3





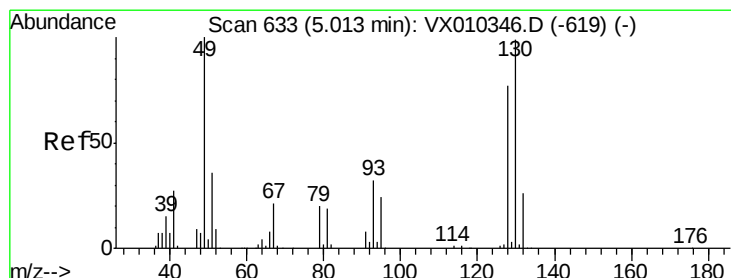
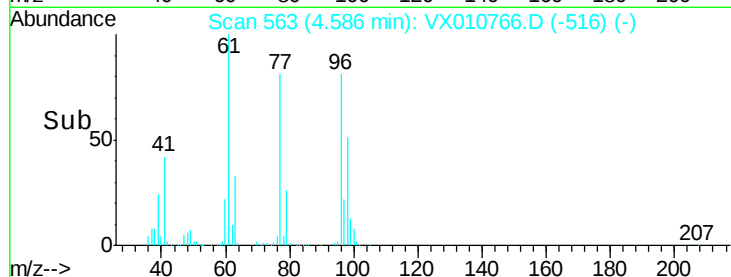
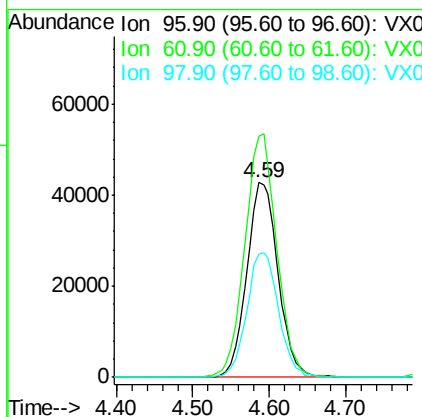
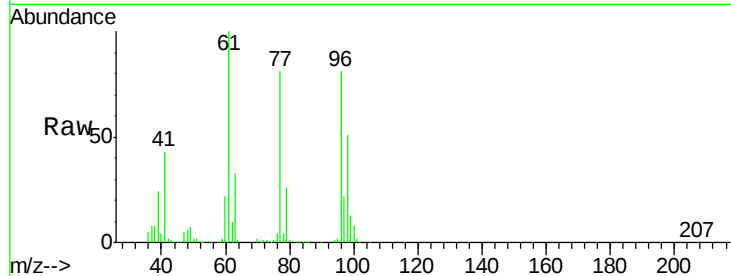
#27
 cis-1,2-Dichloroethene
 Concen: 51.117 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	121389		
61	127.9	0.0	251.8	
98	65.3	0.0	129.4	

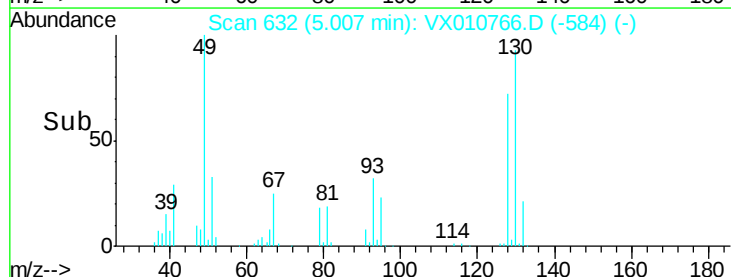
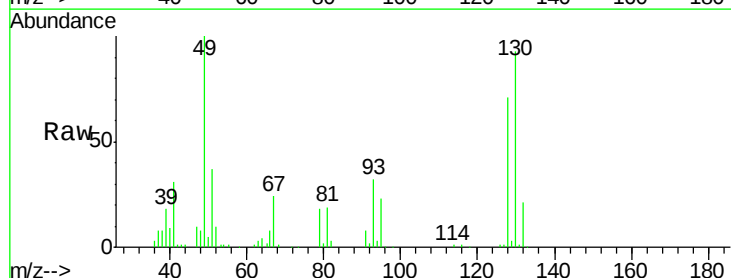
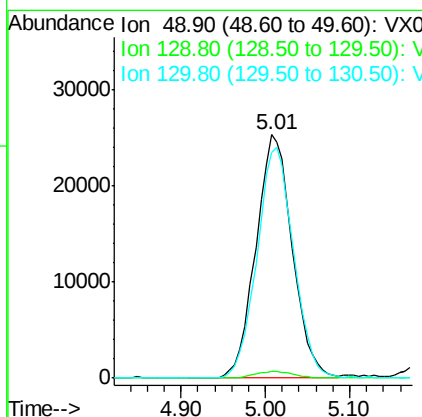
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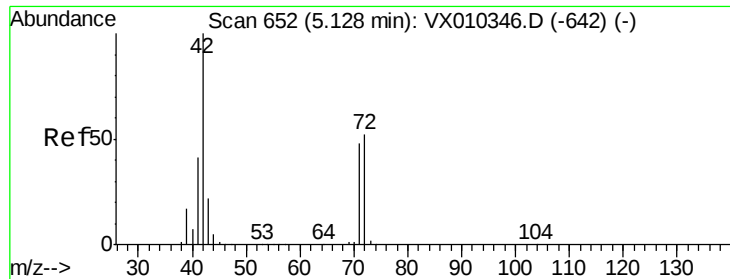
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 7/11/2019 10:53:53 AM



#28
 Bromochloromethane
 Concen: 47.799 ug/l
 RT: 5.01 min Scan# 632
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	74923		
129	2.9	0.0	5.6	
130	95.6	81.4	122.0	





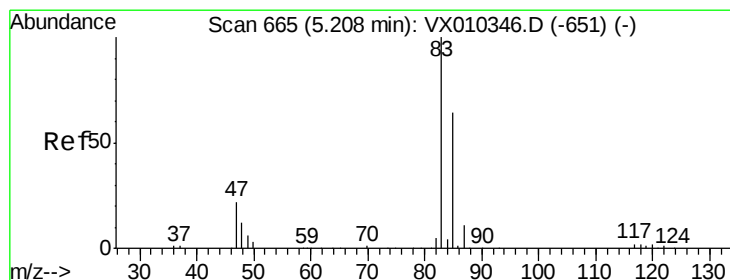
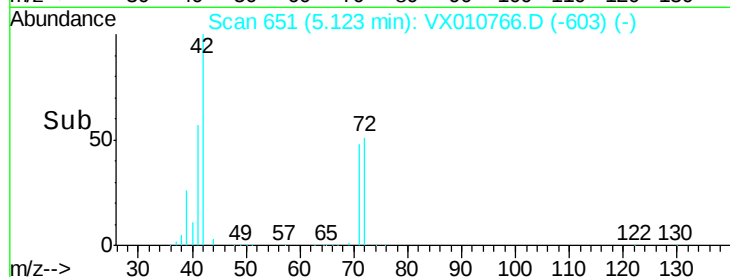
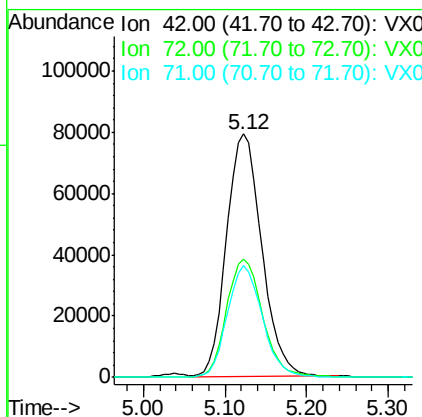
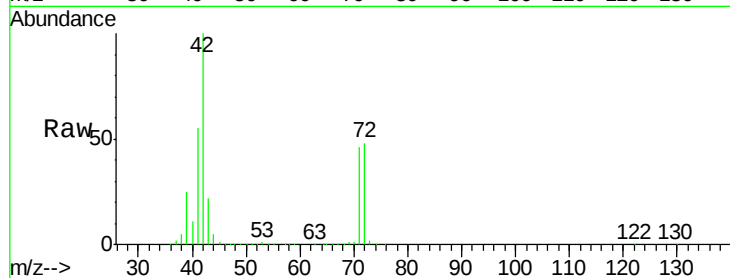
#29
Tetrahydrofuran
Concen: 251.586 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
42	100		
72	50.2	40.6	60.8
71	45.8	37.8	56.8

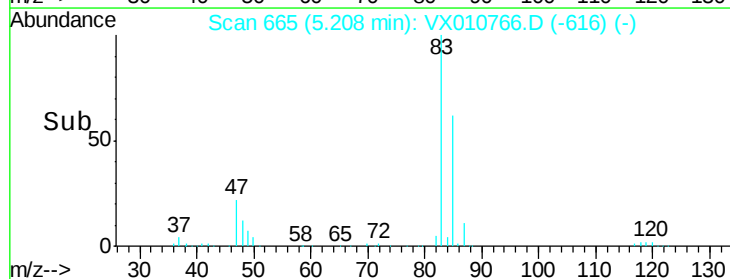
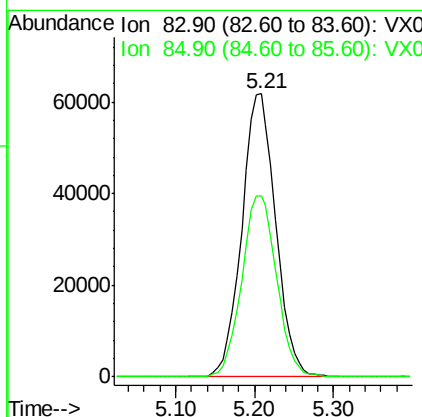
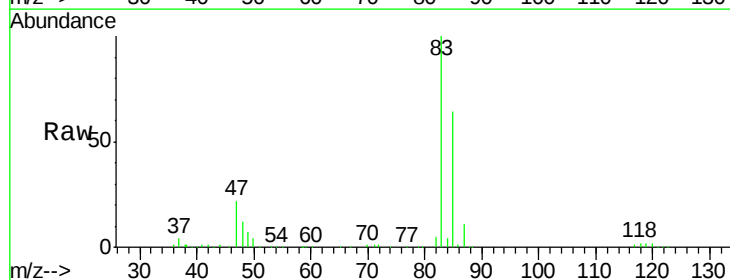
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#30
Chloroform
Concen: 52.219 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
83	100		
85	63.9	50.9	76.3





#31

Cyclohexane

Concen: 53.723 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

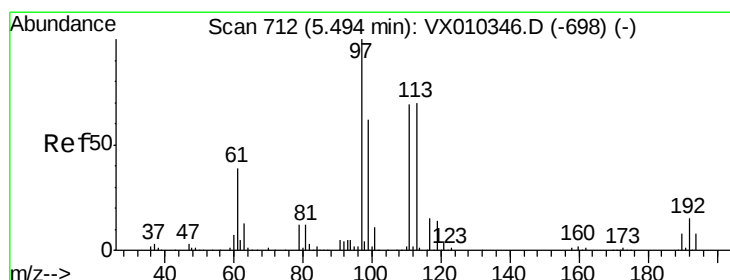
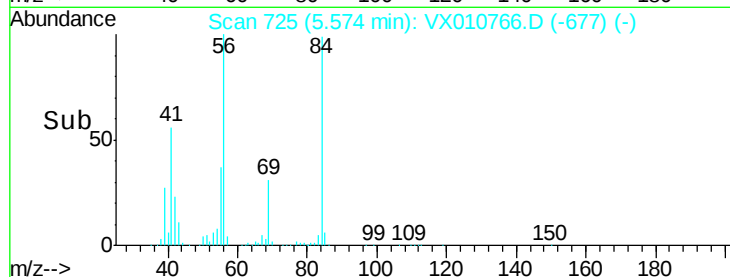
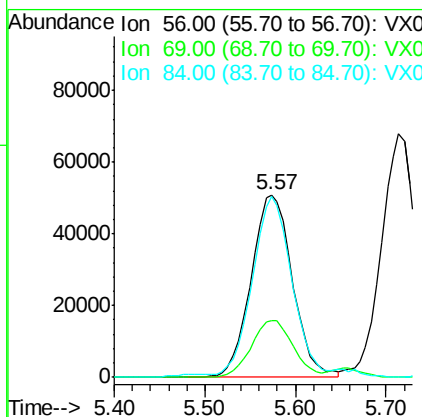
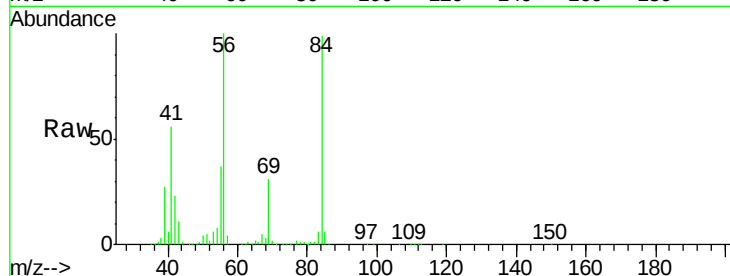
ClientSampleId :

VSTDCCC050

Tgt Ion:	56	Resp:	160386
Ion Ratio		Lower	Upper
56	100		
69	30.9	25.9	38.9
84	97.9	78.0	117.0

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#32

1,1,1-Trichloroethane

Concen: 52.305 ug/l

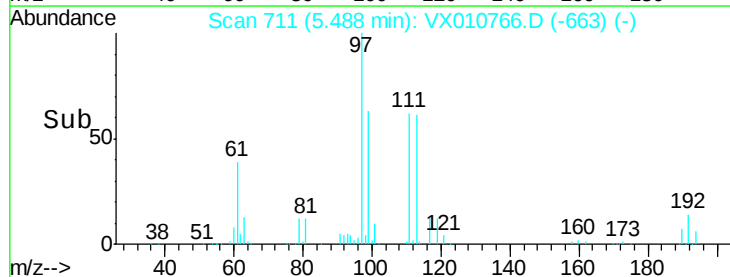
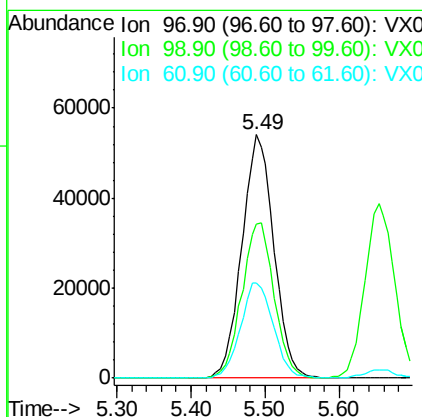
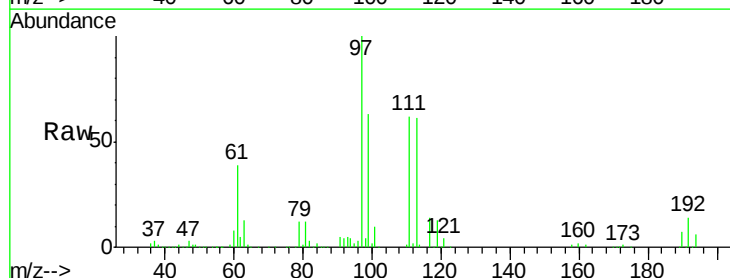
RT: 5.49 min Scan# 711

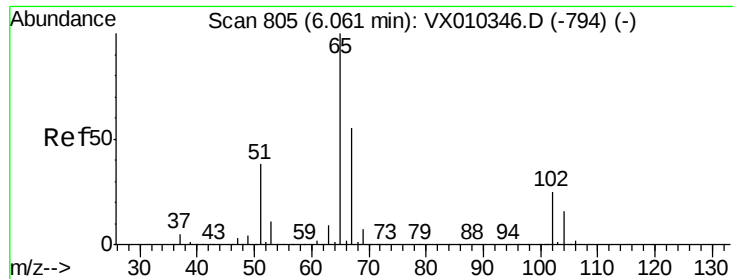
Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion:	97	Resp:	162911
Ion Ratio		Lower	Upper
97	100		
99	64.6	51.8	77.8
61	40.4	32.1	48.1





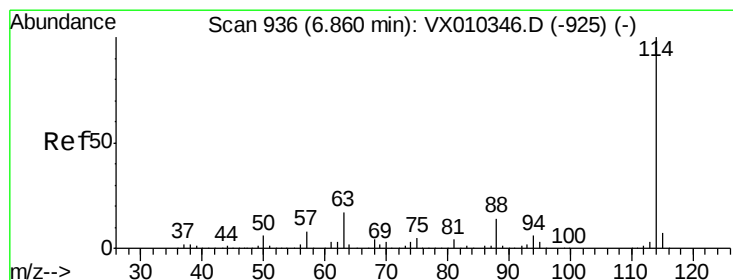
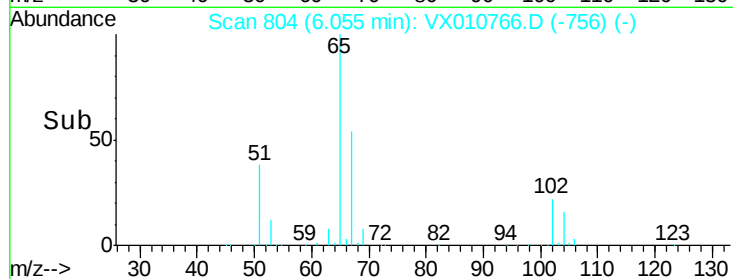
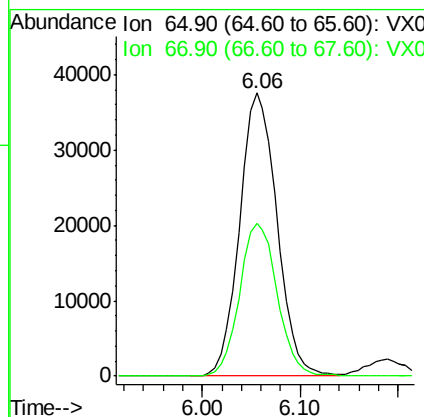
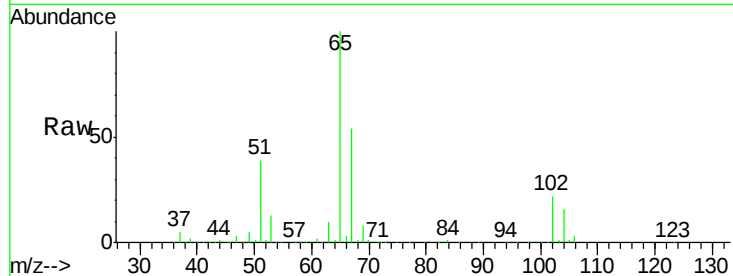
#33
 1,2-Dichloroethane-d4
 Concen: 48.206 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 65 Resp: 99634
 Ion Ratio Lower Upper
 65 100
 67 54.5 0.0 110.2

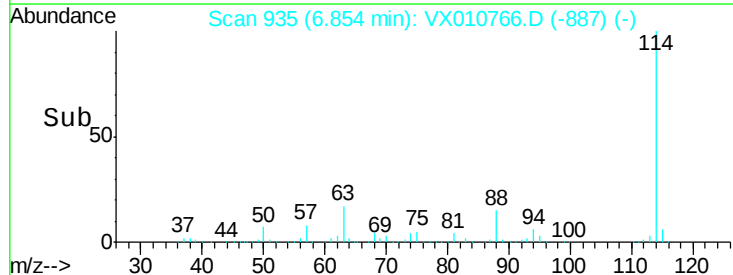
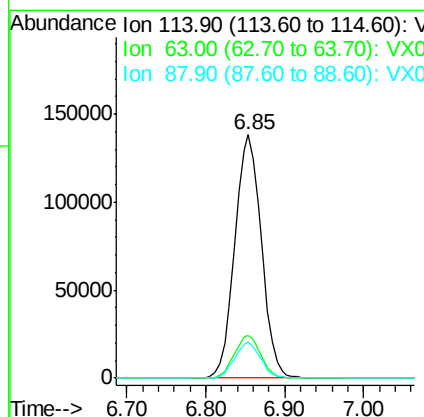
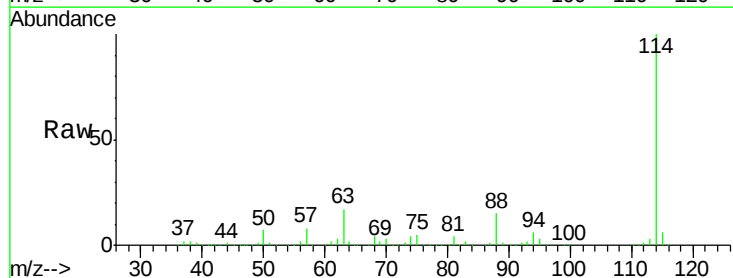
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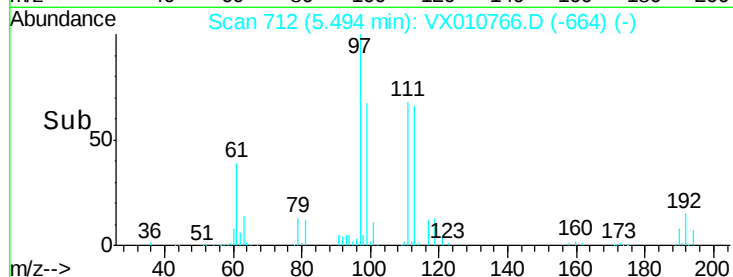
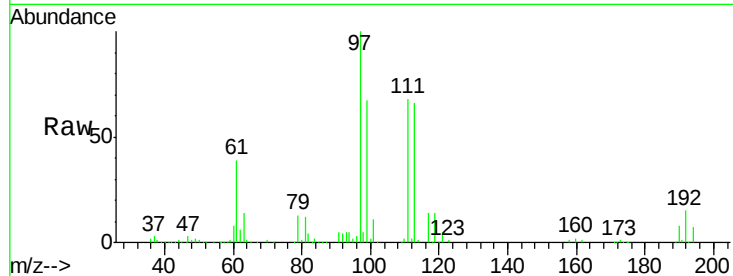
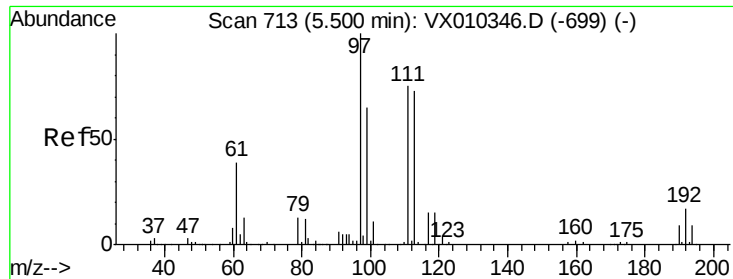
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 114 Resp: 324682
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 33.8
 88 14.7 0.0 27.6





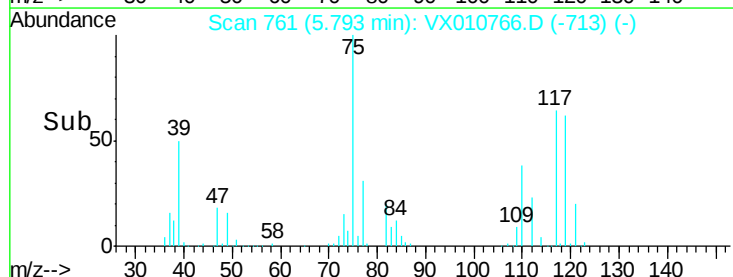
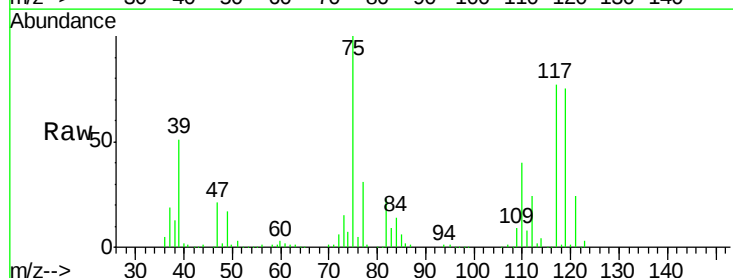
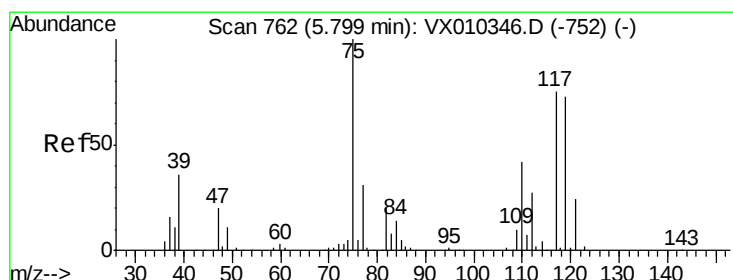
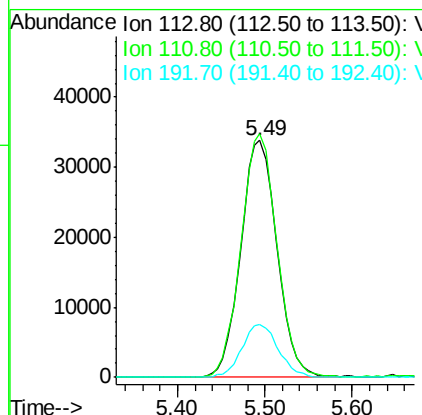
#35
Dibromofluoromethane
Concen: 49.183 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
113	100	97703		
111	101.8	81.2	121.8	
192	22.5	18.6	27.8	

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

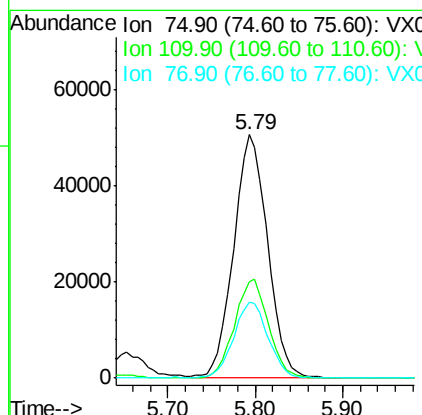
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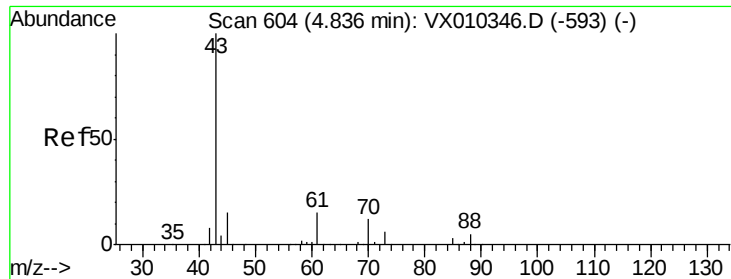
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#36
1,1-Dichloropropene
Concen: 52.803 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	136237		
110	40.7	20.8	62.2	
77	31.6	25.4	38.0	





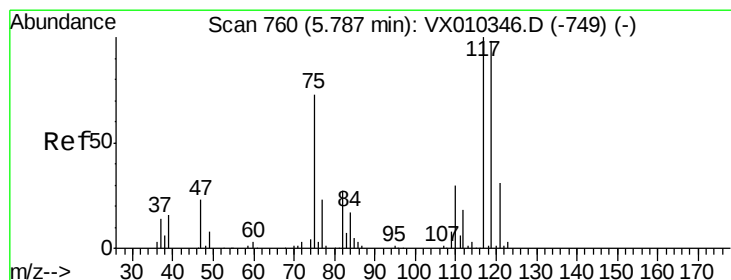
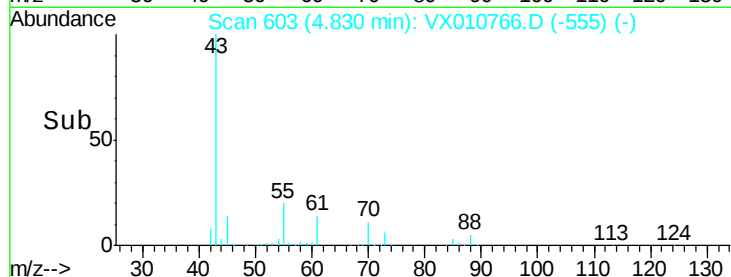
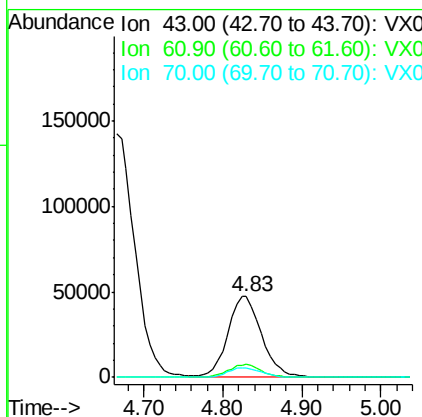
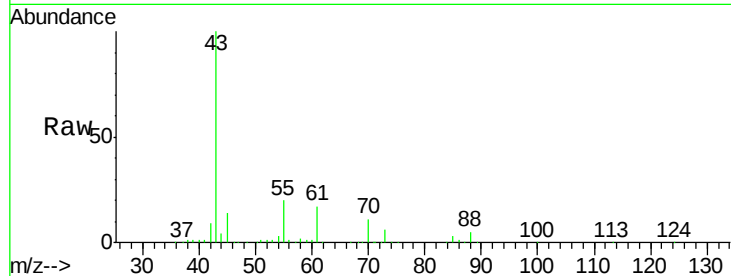
#37
Ethyl Acetate
Concen: 52.484 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	15.3	12.4	18.6
70	11.8	9.8	14.8

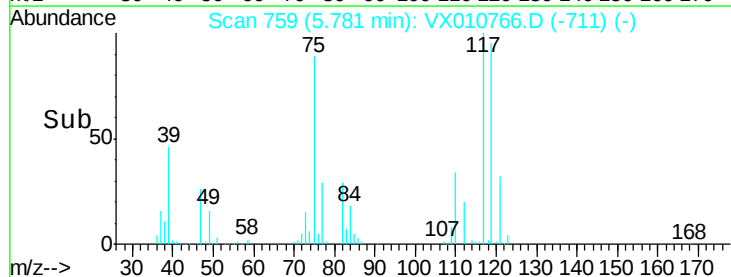
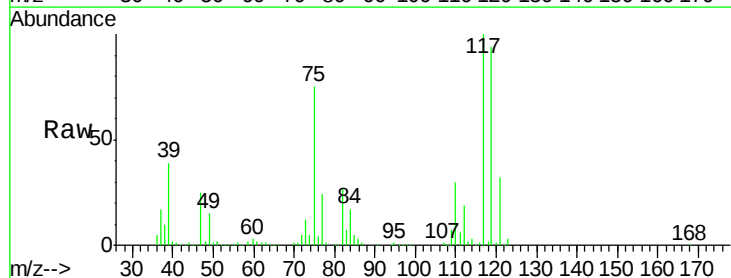
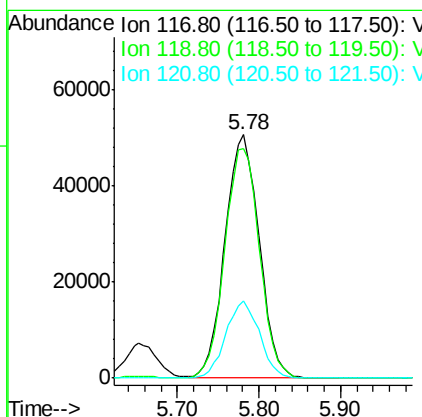
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#38
Carbon Tetrachloride
Concen: 52.487 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	78.2	117.4
121	31.6	24.7	37.1





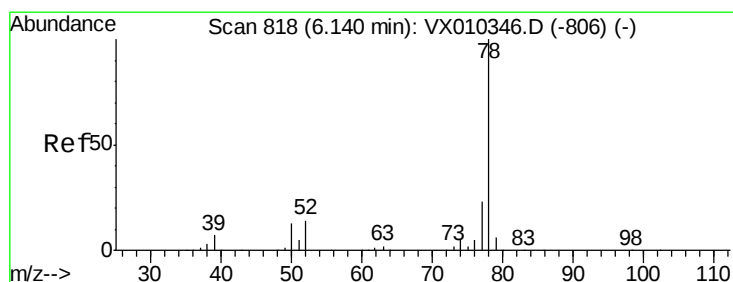
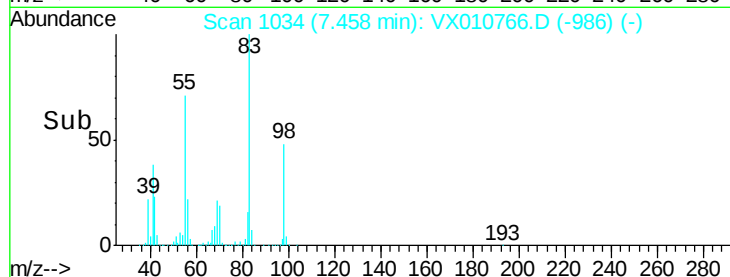
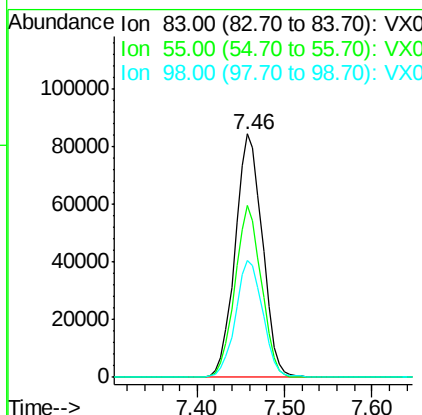
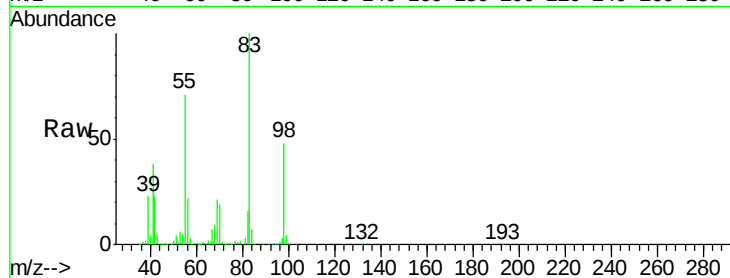
#39
Methylcyclohexane
Concen: 53.935 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
83	100		
55	70.7	53.0	79.6
98	48.0	37.8	56.8

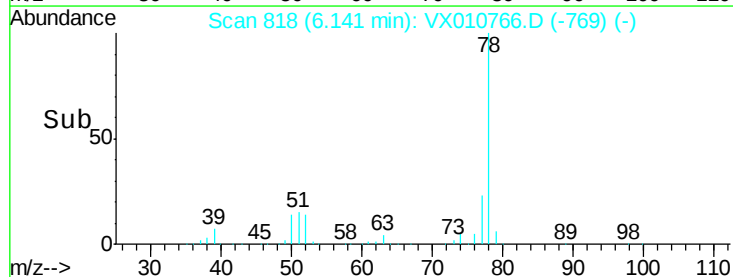
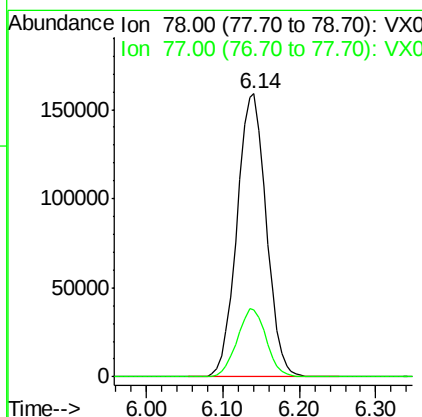
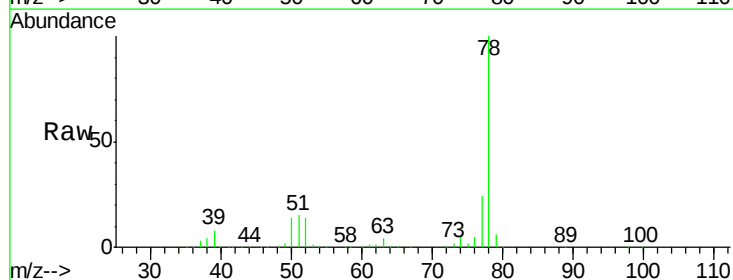
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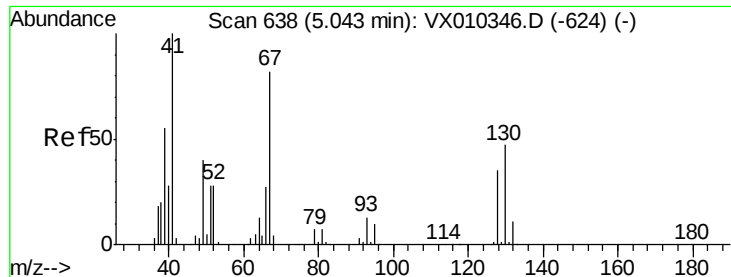
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#40
Benzene
Concen: 52.543 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	18.6	28.0





#41

Methacrylonitrile

Concen: 52.363 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

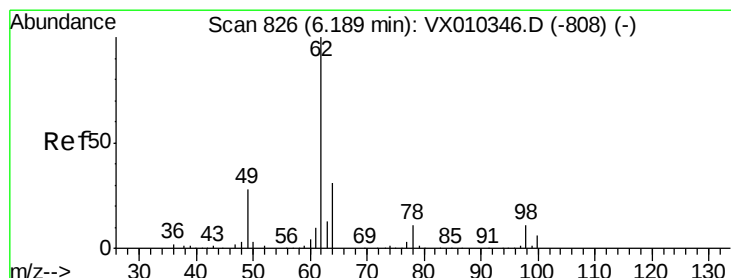
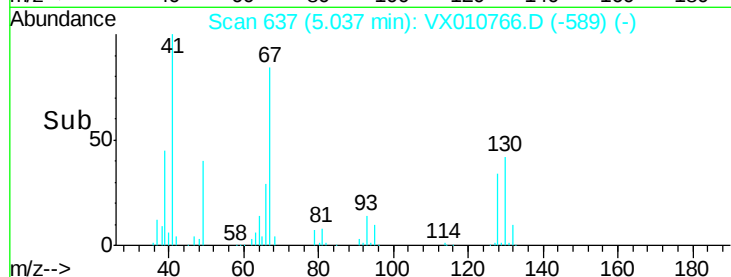
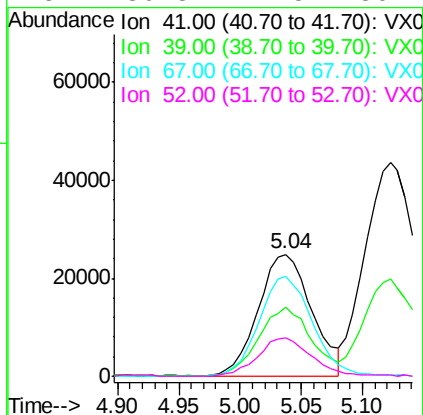
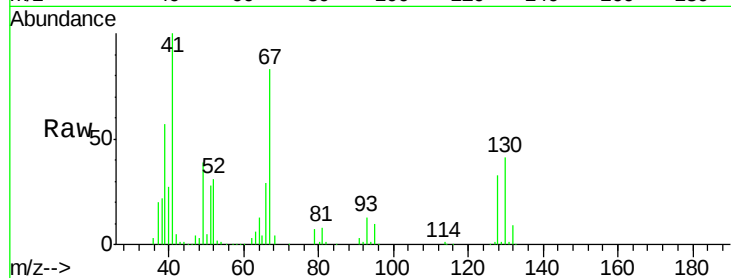
ClientSampleId :

VSTDCCC050

Tgt Ion:	41	Resp:	76260
Ion	Ratio	Lower	Upper
41	100		
39	55.0	43.8	65.8
67	81.5	66.6	100.0
52	30.8	24.5	36.7

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#42

1,2-Dichloroethane

Concen: 56.356 ug/l

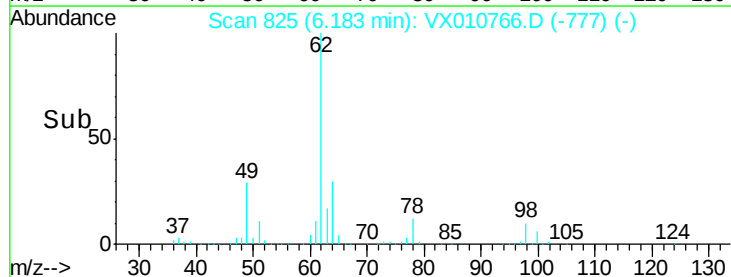
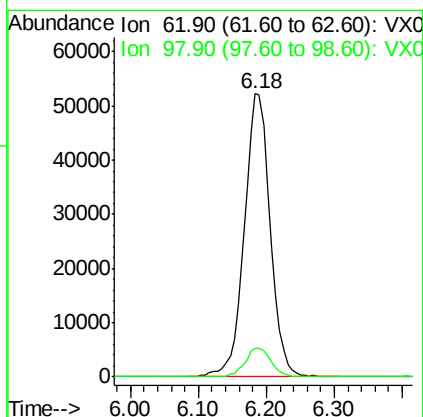
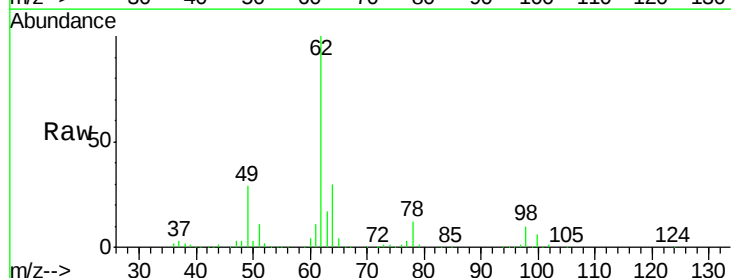
RT: 6.18 min Scan# 825

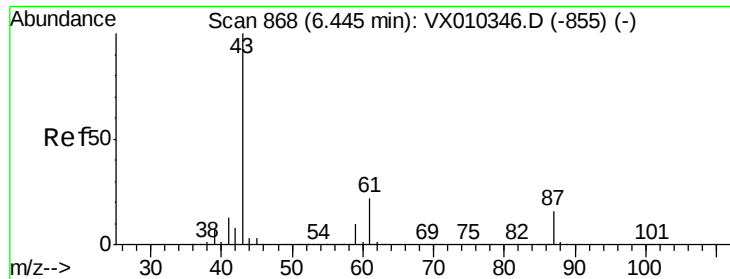
Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion:	62	Resp:	137894
Ion	Ratio	Lower	Upper
62	100		
98	10.2	0.0	22.2





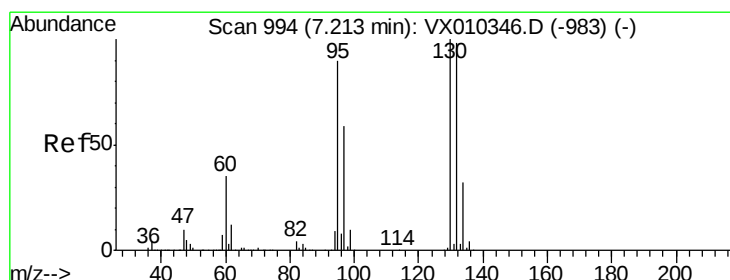
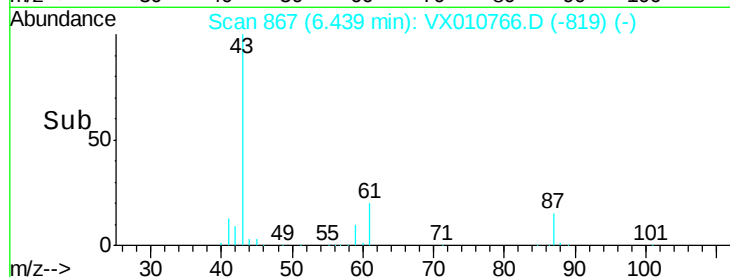
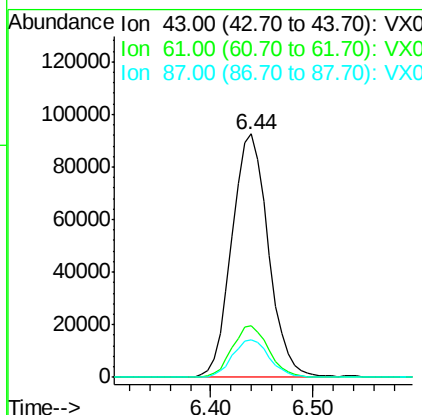
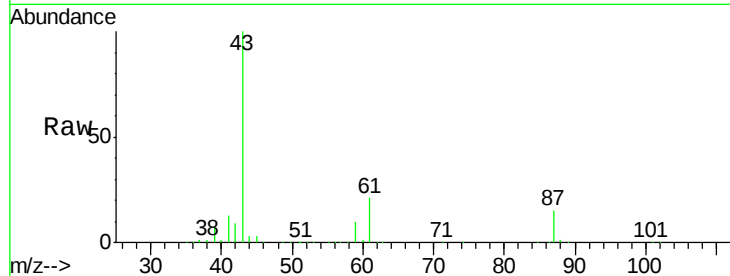
#43
Isopropyl Acetate
Concen: 52.258 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
43	100		
61	21.3	17.8	26.6
87	15.7	13.0	19.4

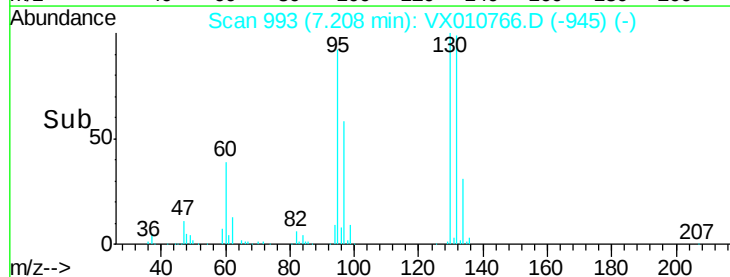
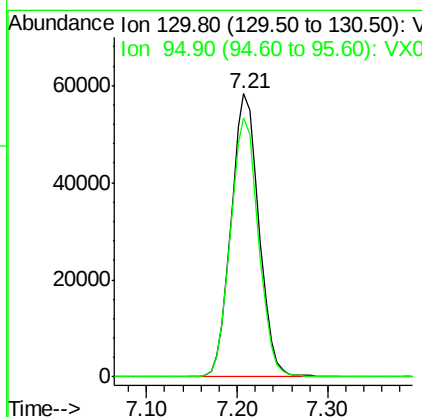
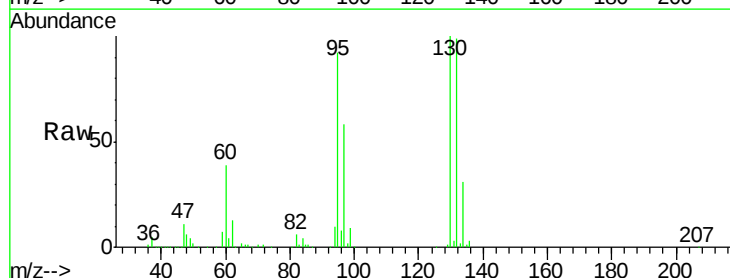
Manual Integrations
APPROVED

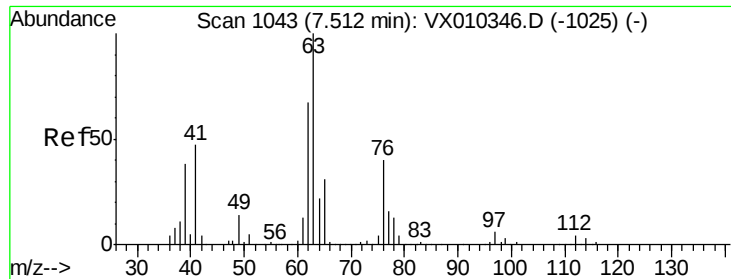
MMDadoda
7/11/2019 10:53:53 AM



#44
Trichloroethene
Concen: 51.672 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.7	0.0	180.8





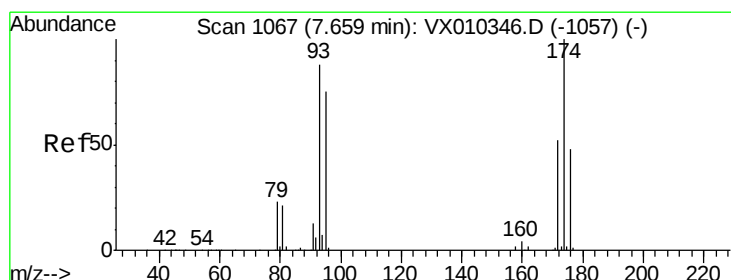
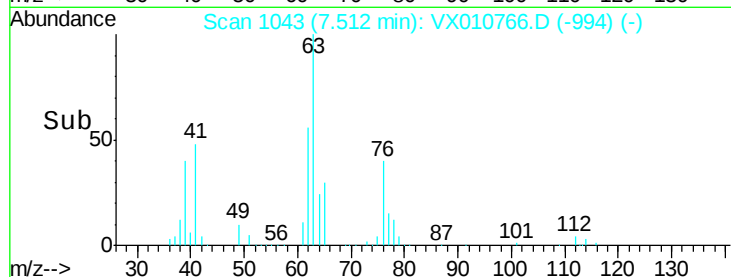
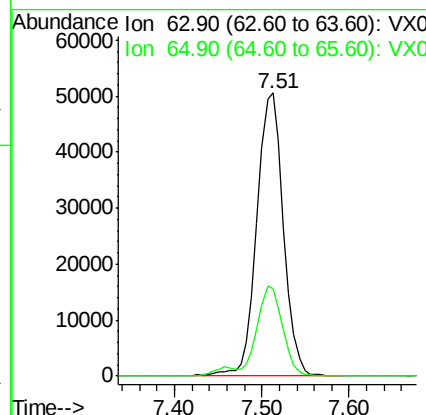
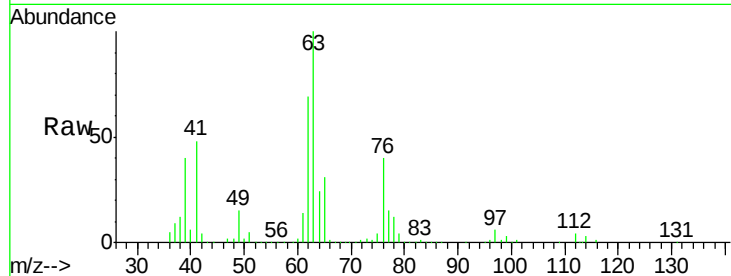
#45
1,2-Dichloropropane
Concen: 52.473 ug/l
RT: 7.51 min Scan# 1043
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 63 Resp: 106514
Ion Ratio Lower Upper
63 100
65 31.1 24.8 37.2

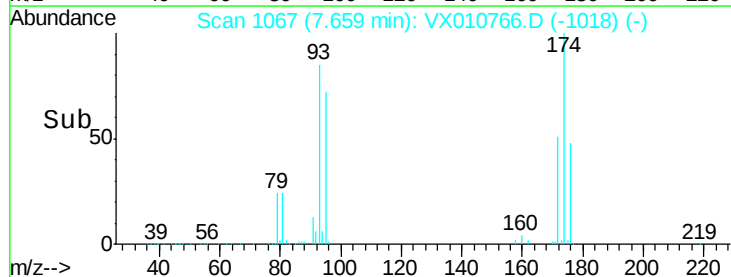
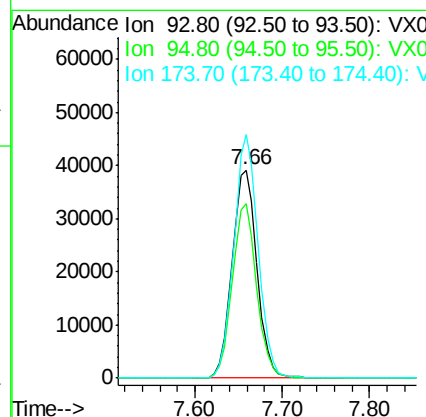
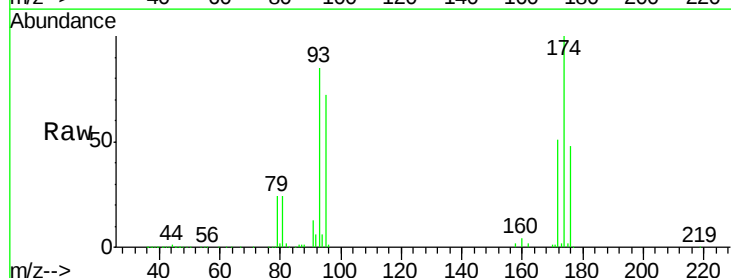
Manual Integrations
APPROVED

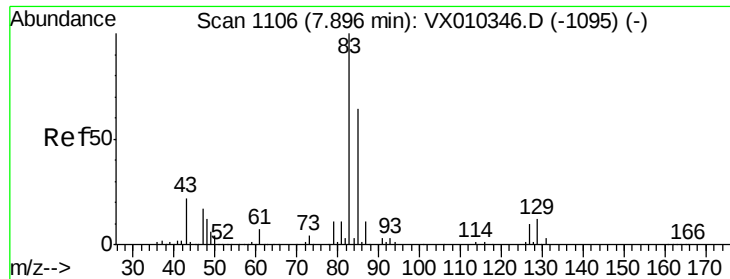
MMDadoda
7/11/2019 10:53:53 AM



#46
Dibromomethane
Concen: 53.189 ug/l
RT: 7.66 min Scan# 1067
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 93 Resp: 77464
Ion Ratio Lower Upper
93 100
95 82.4 67.5 101.3
174 114.4 95.8 143.6





#47

Bromodichloromethane

Concen: 52.603 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

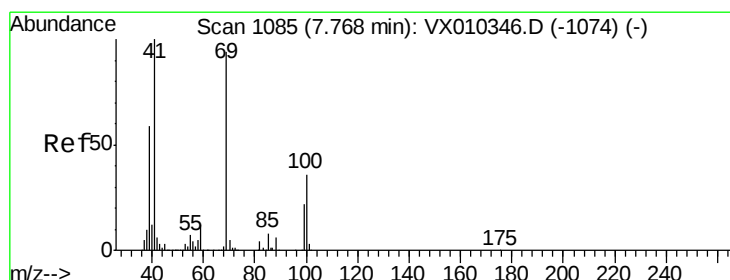
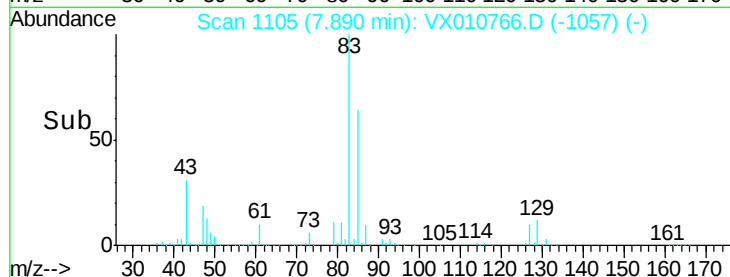
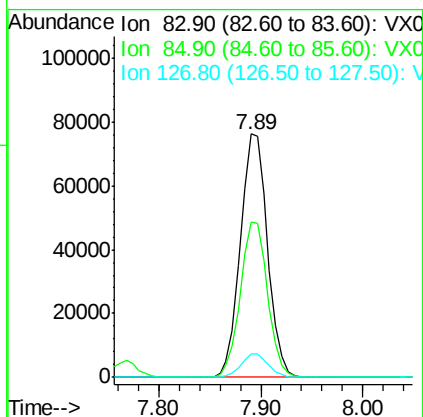
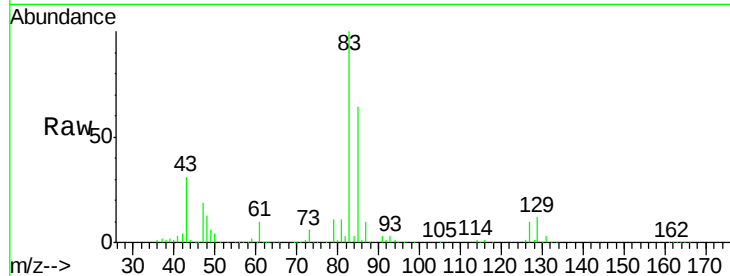
ClientSampleId :

VSTDCCC050

Tgt Ion:	83	Resp:	140397
Ion	Ratio	Lower	Upper
83	100		
85	63.6	51.5	77.3
127	9.5	7.8	11.8

Manual Integrations
APPROVED

MMDadoda
7/11/2019 10:53:53 AM



#48

Methyl methacrylate

Concen: 54.308 ug/l

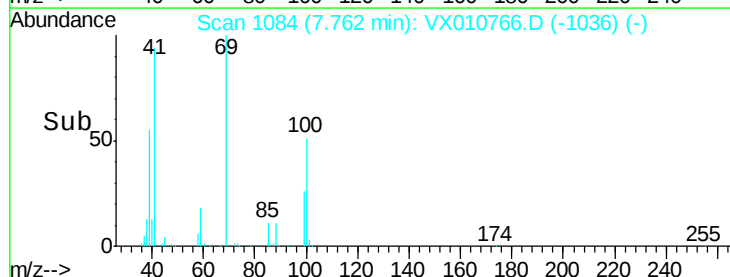
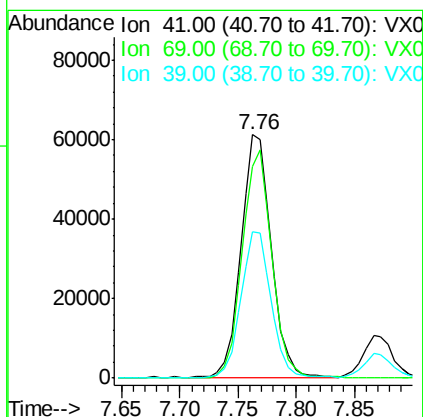
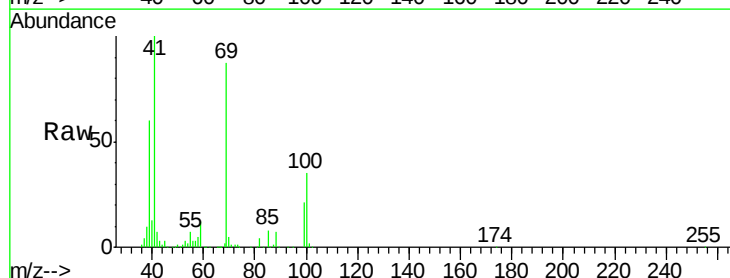
RT: 7.76 min Scan# 1084

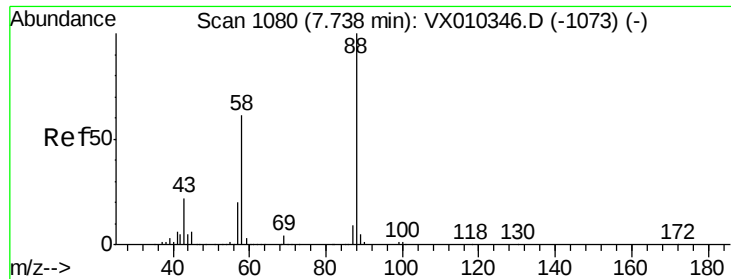
Delta R.T. -0.01 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion:	41	Resp:	110855
Ion	Ratio	Lower	Upper
41	100		
69	92.2	76.1	114.1
39	59.8	47.6	71.4





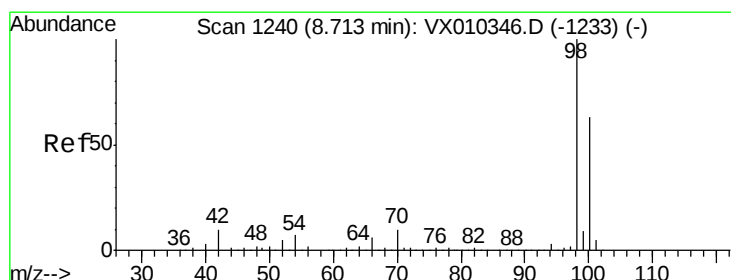
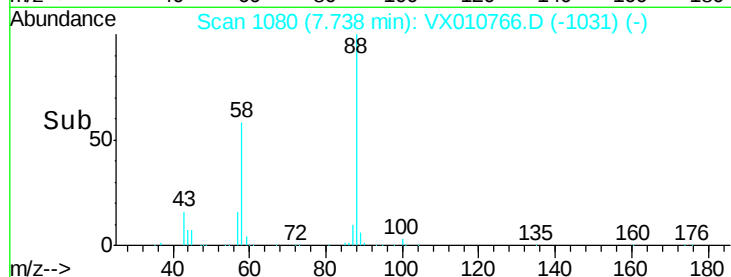
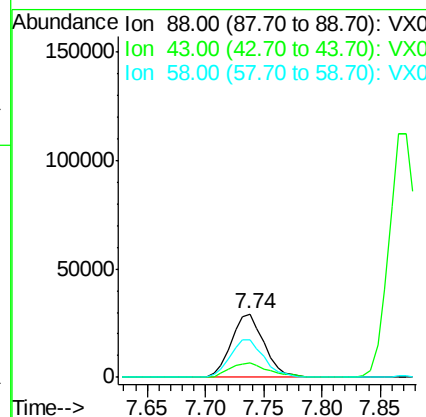
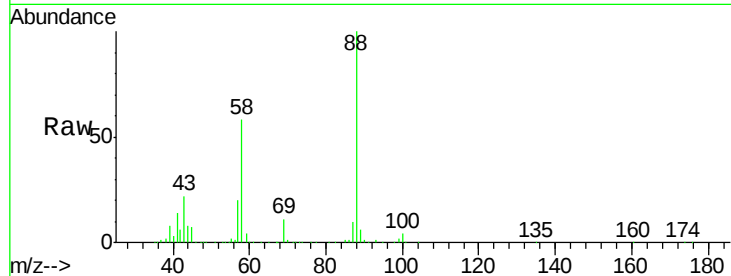
#49
 1,4-Dioxane
 Concen: 976.708 ug/l
 RT: 7.74 min Scan# 1080
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
88	100		
43	27.1	20.2	30.2
58	61.6	49.5	74.3

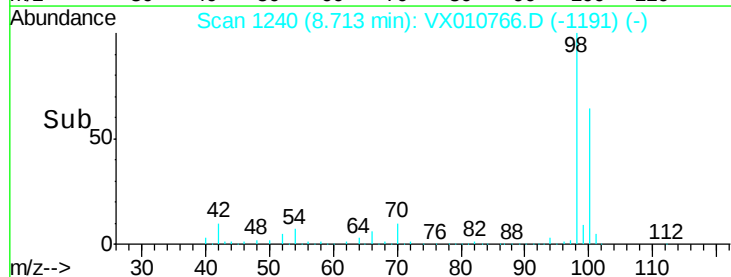
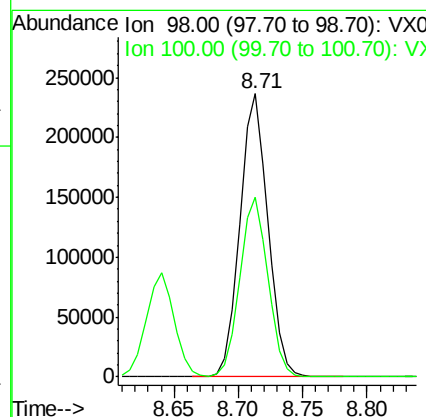
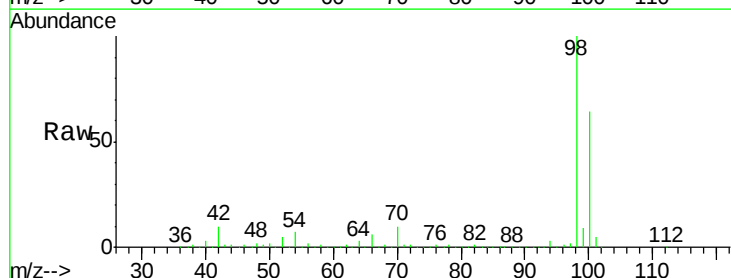
Manual Integrations
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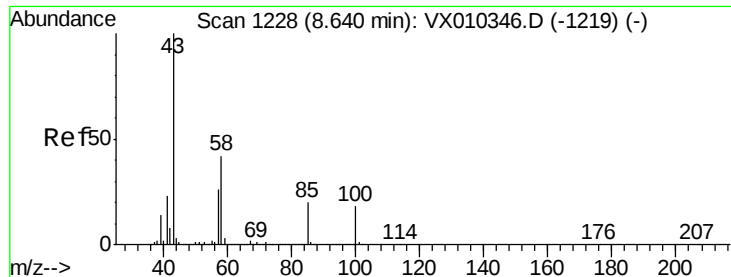
MMDadoda
 7/11/2019 10:53:53 AM



#50
 Toluene-d8
 Concen: 46.788 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.0	51.6	77.4





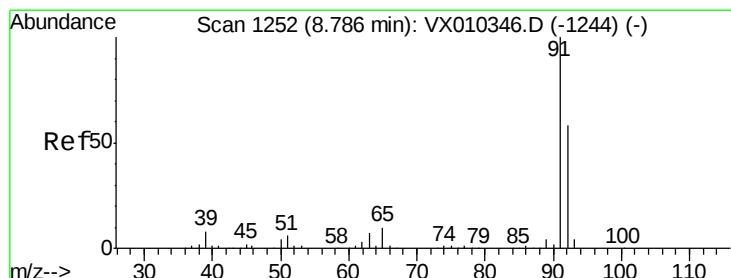
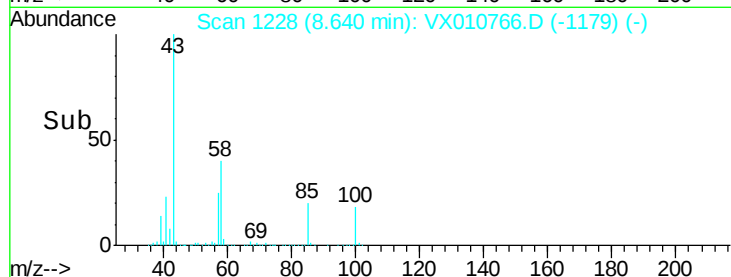
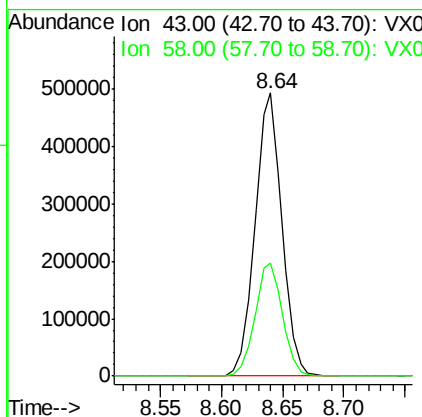
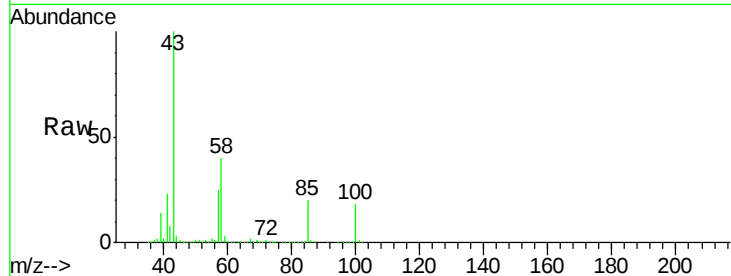
#51
4-Methyl-2-Pentanone
Concen: 268.256 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 753433
Ion Ratio Lower Upper
43 100
58 40.9 33.5 50.3

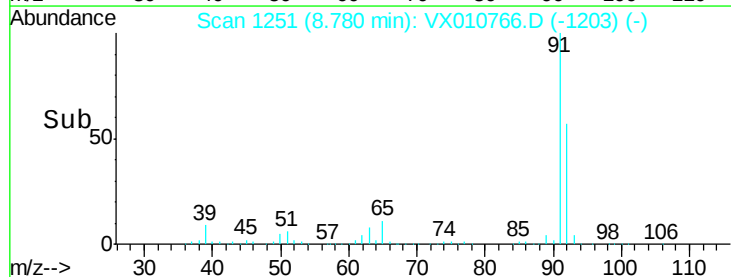
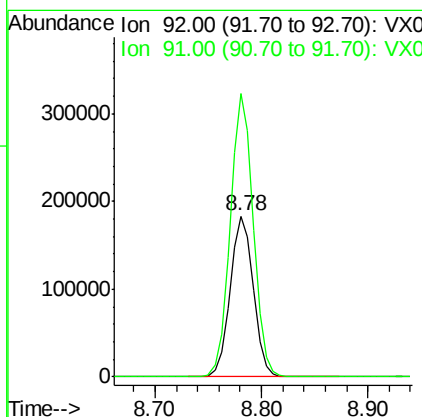
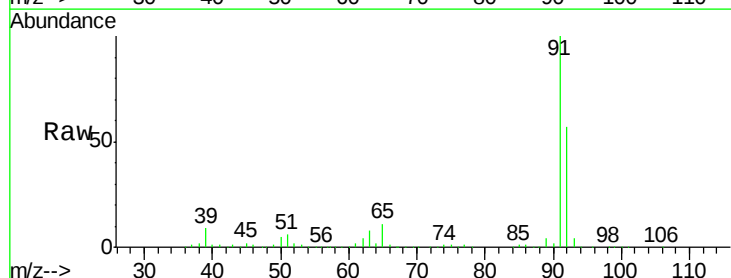
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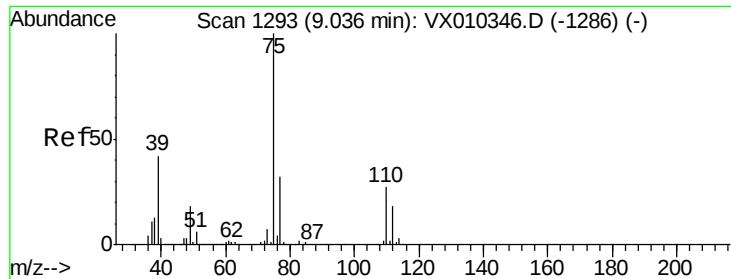
MMDadoda
7/11/2019 10:53:53 AM



#52
Toluene
Concen: 52.861 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 92 Resp: 279820
Ion Ratio Lower Upper
92 100
91 174.1 139.8 209.6





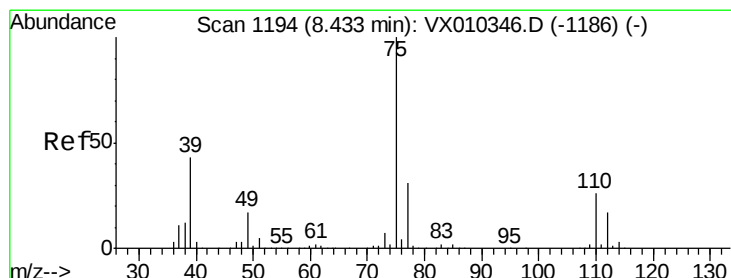
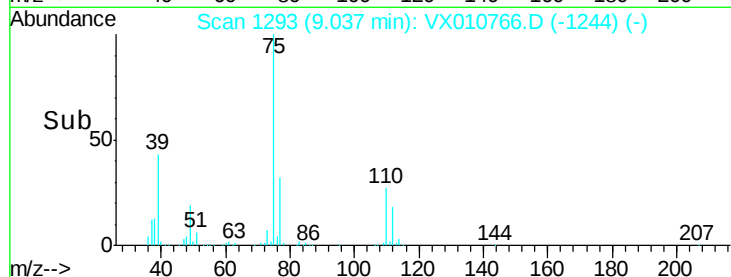
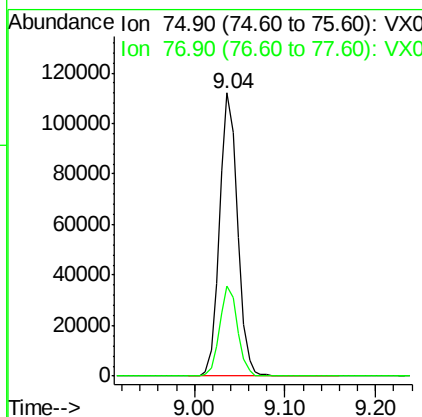
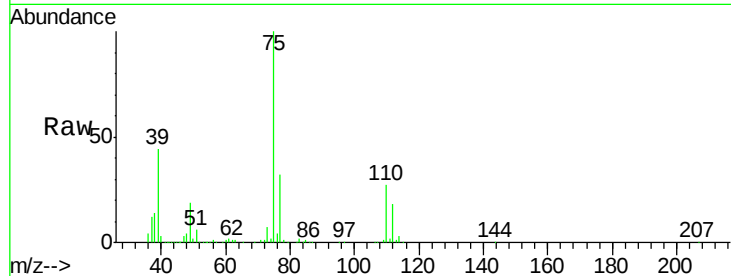
#53
t-1,3-Dichloropropene
Concen: 52.049 ug/l
RT: 9.04 min Scan# 1293
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 155749
Ion Ratio Lower Upper
75 100
77 31.6 25.4 38.2

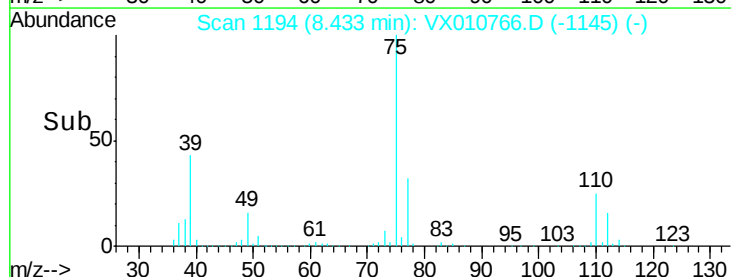
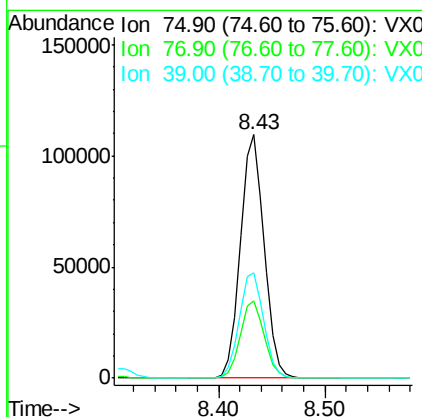
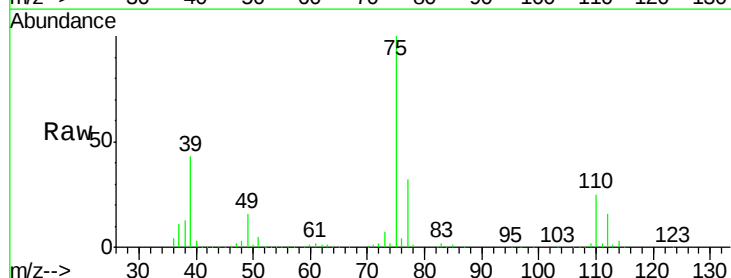
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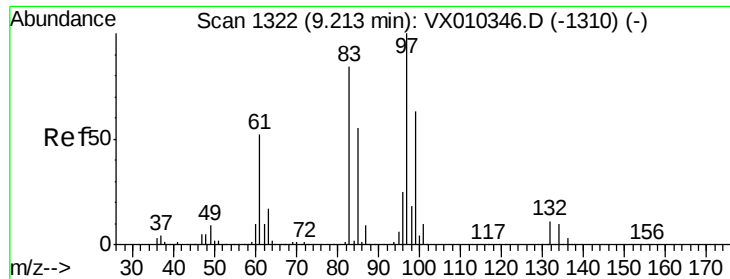
MMDadoda
7/11/2019 10:53:53 AM



#54
cis-1,3-Dichloropropene
Concen: 52.904 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 75 Resp: 172035
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8
39 43.1 34.5 51.7





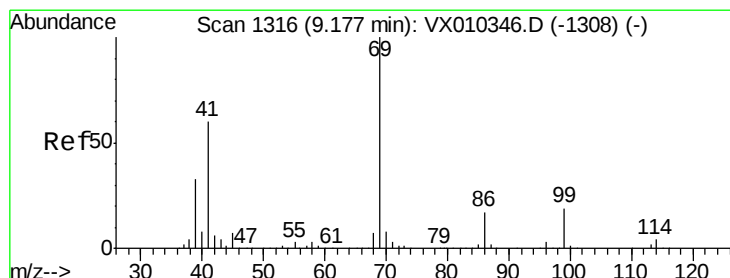
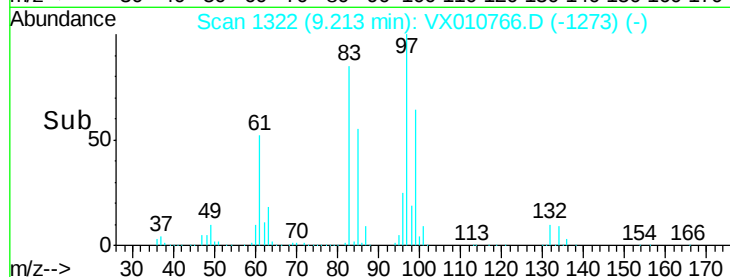
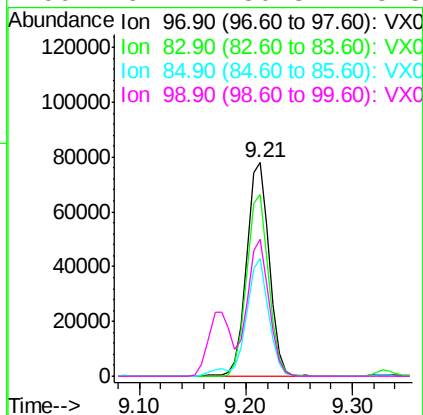
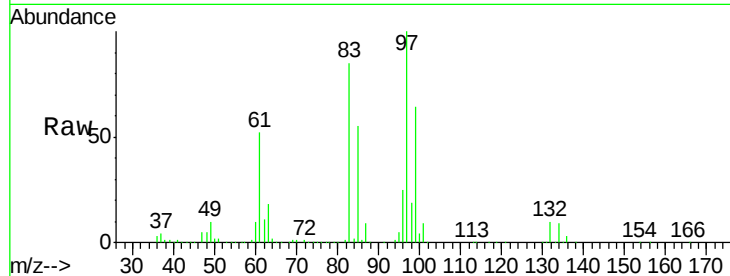
#55
 1,1,2-Trichloroethane
 Concen: 53.254 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
97	100		
83	85.2	67.4	101.0
85	54.9	43.8	65.8
99	64.1	50.3	75.5

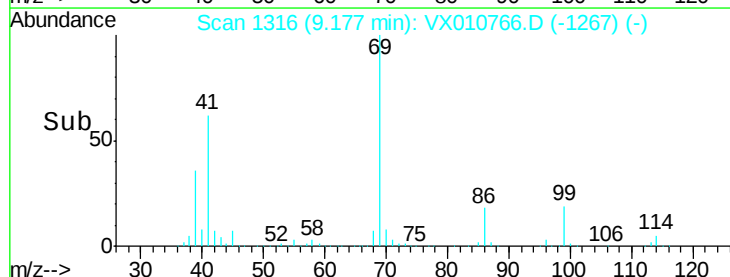
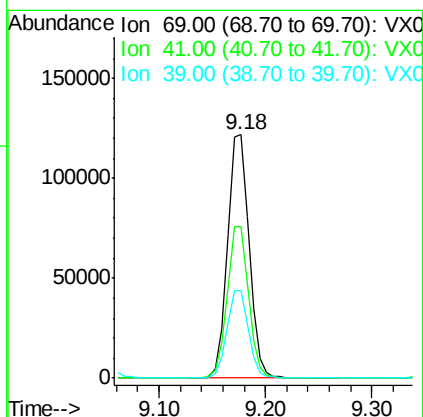
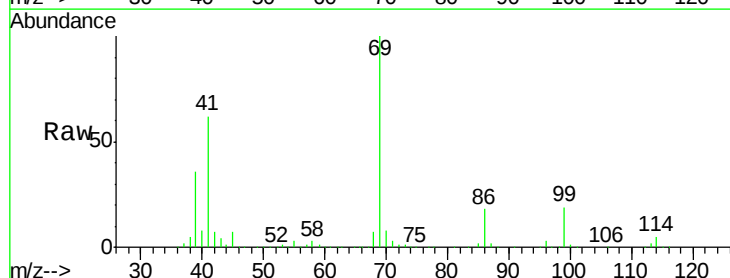
Manual Integrations
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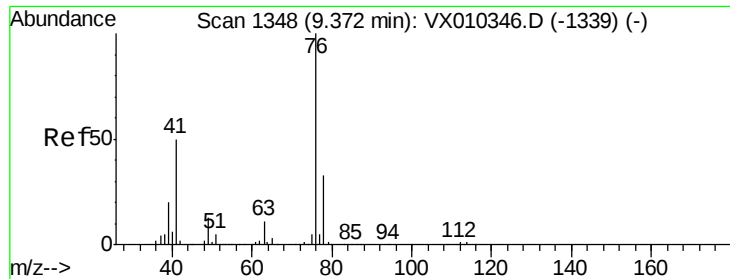
MMDadoda
 7/11/2019 10:53:53 AM



#56
 Ethyl methacrylate
 Concen: 52.794 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
69	100		
41	61.2	47.1	70.7
39	35.6	26.6	40.0





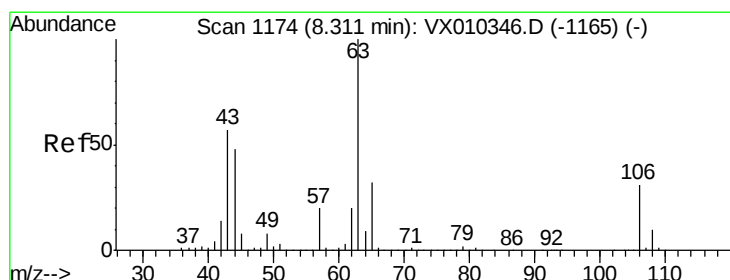
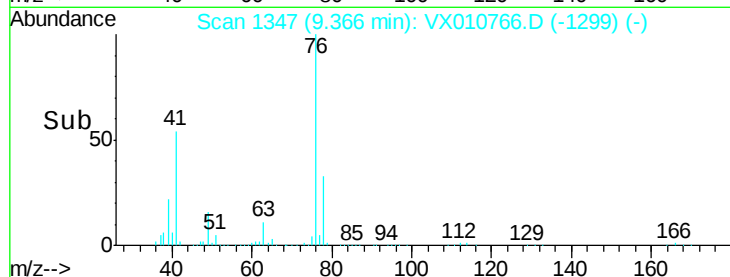
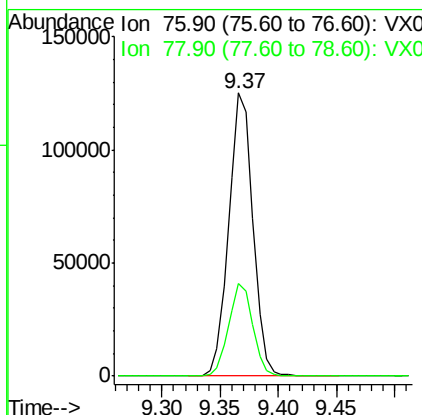
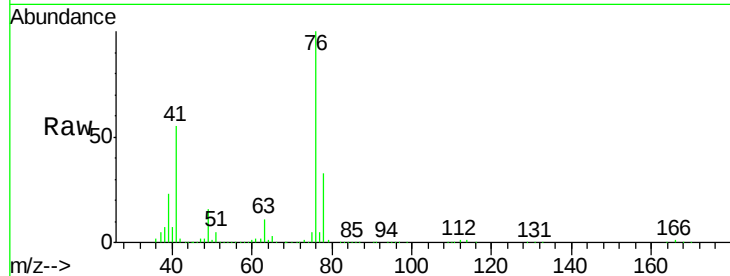
#57
 1,3-Dichloropropane
 Concen: 53.368 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Tgt Ion: 76 Resp: 180859
 Ion Ratio Lower Upper
 76 100
 78 32.8 26.1 39.1

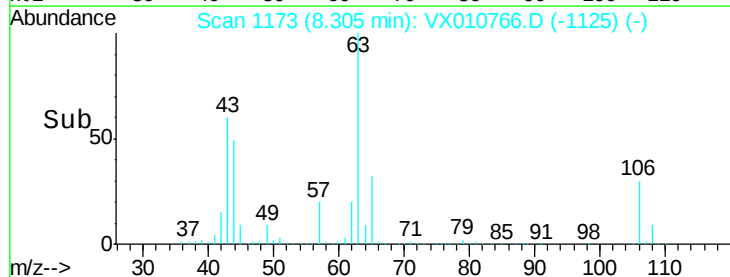
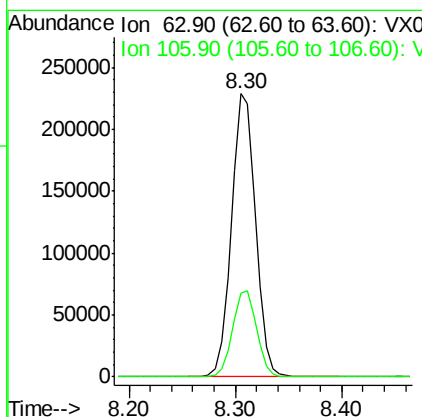
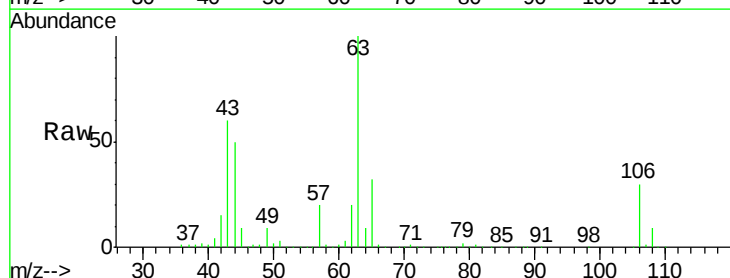
Manual Integrations
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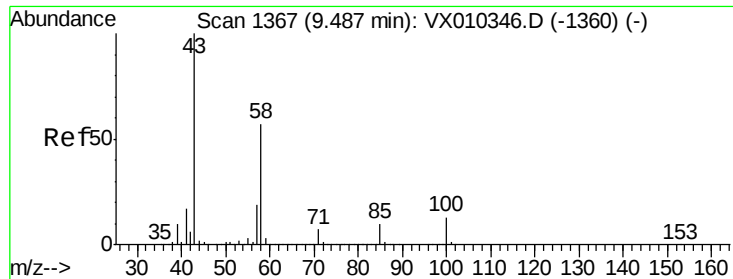
MMDadoda
 7/11/2019 10:53:53 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 230.483 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion: 63 Resp: 362011
 Ion Ratio Lower Upper
 63 100
 106 30.6 24.7 37.1





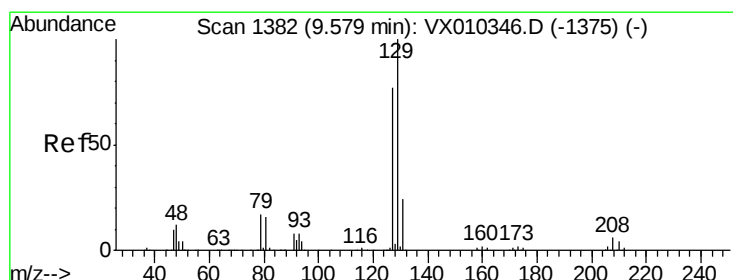
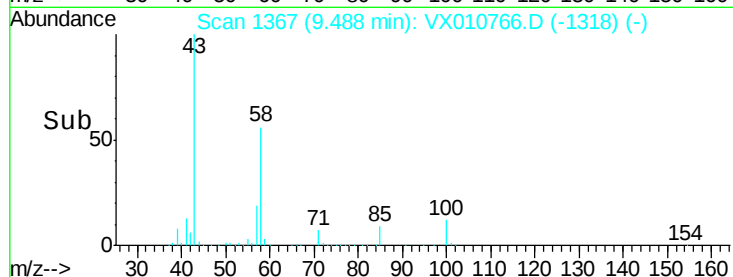
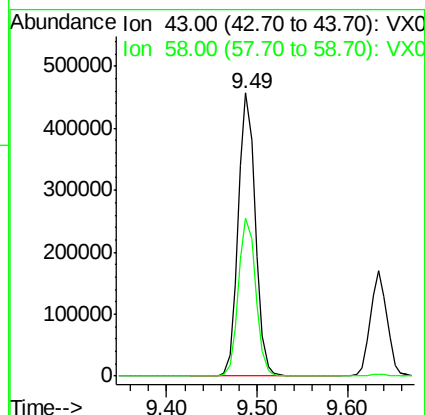
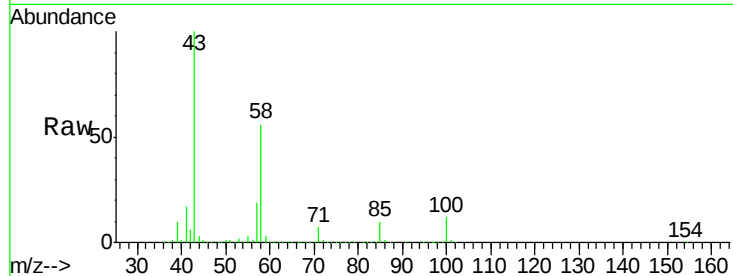
#59
2-Hexanone
Concen: 273.276 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 43 Resp: 604075
Ion Ratio Lower Upper
43 100
58 56.6 29.0 87.1

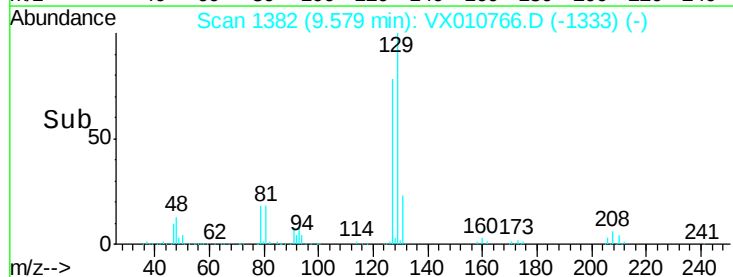
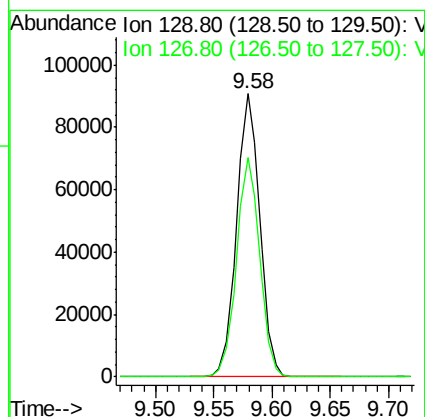
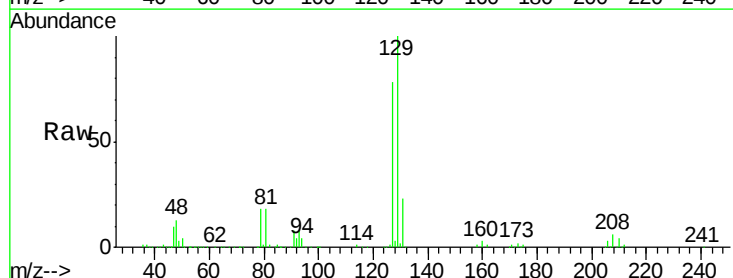
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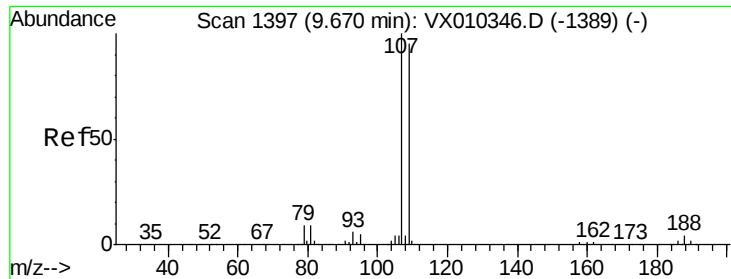
MMDadoda
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#60
Dibromochloromethane
Concen: 51.738 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 129 Resp: 126468
Ion Ratio Lower Upper
129 100
127 77.2 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.711 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 107 Resp: 121855

Ion Ratio Lower Upper

107 100

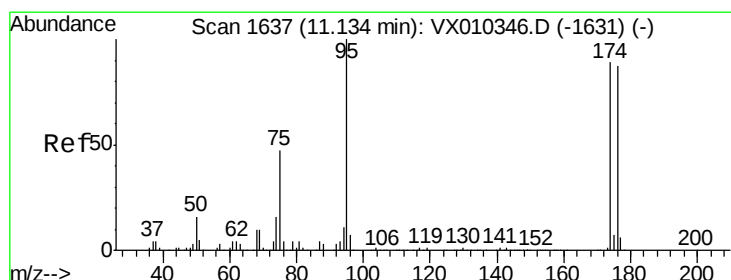
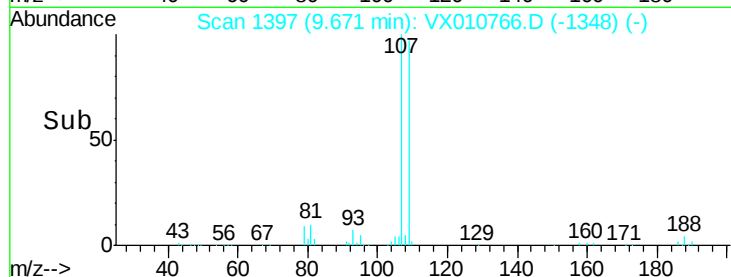
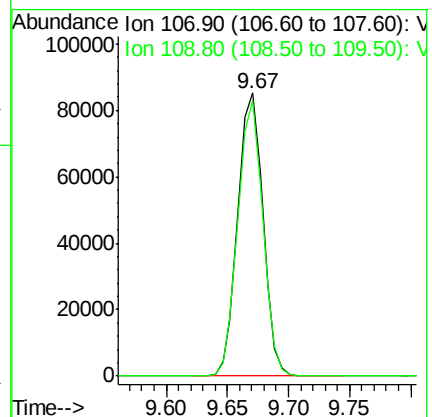
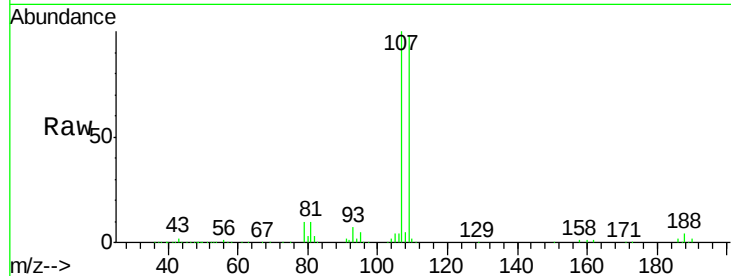
109 96.8 75.8 113.6

Manual Integrations

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#62

4-Bromofluorobenzene

Concen: 49.592 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

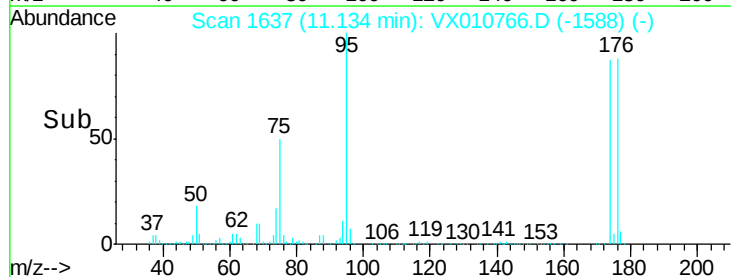
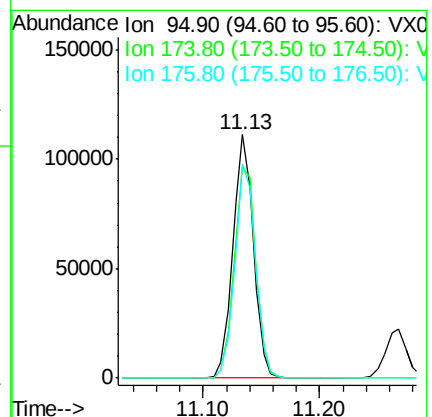
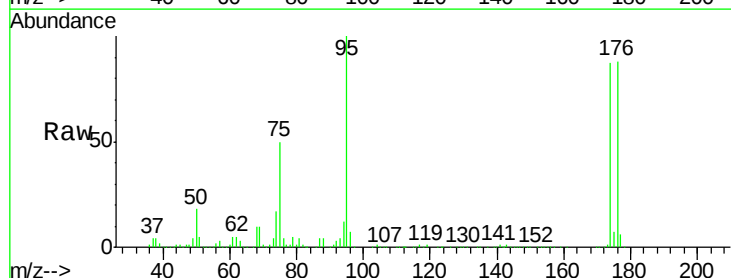
Tgt Ion: 95 Resp: 136071

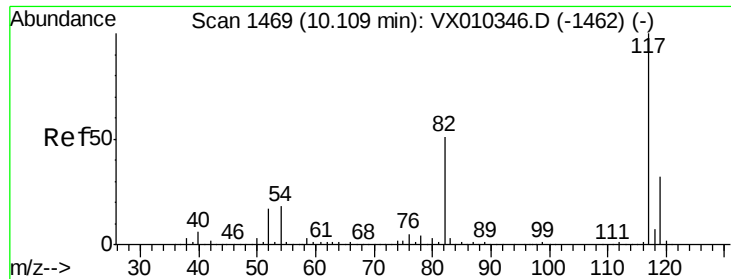
Ion Ratio Lower Upper

95 100

174 92.2 0.0 187.6

176 88.9 0.0 184.0





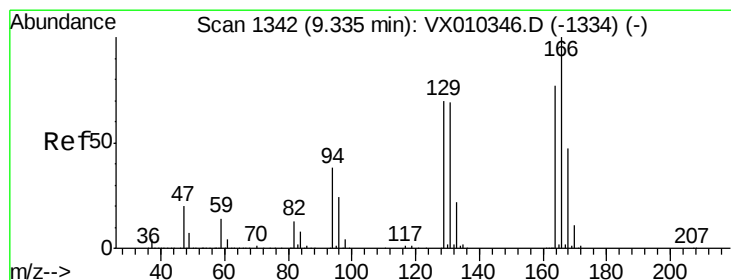
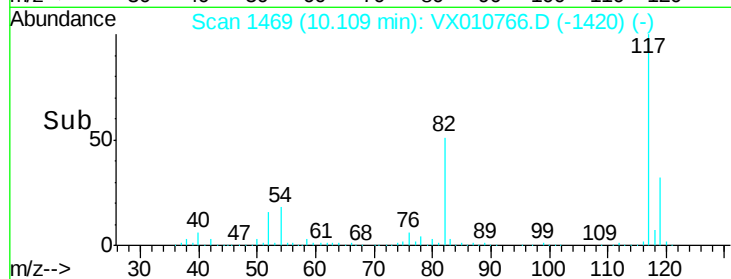
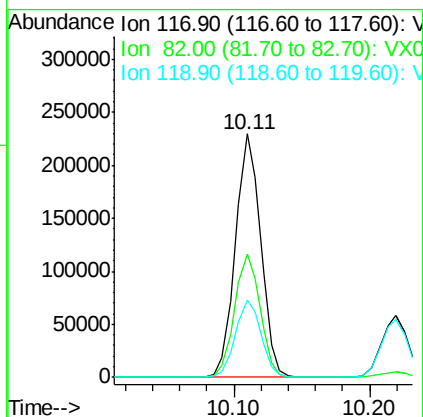
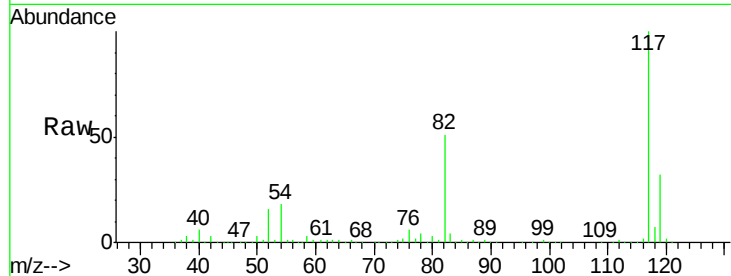
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	297504		
82	50.5	41.2	61.8	
119	31.7	25.5	38.3	

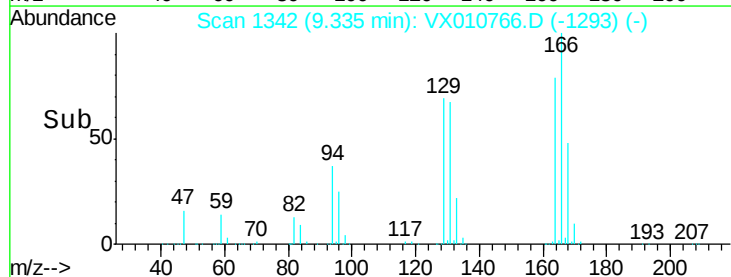
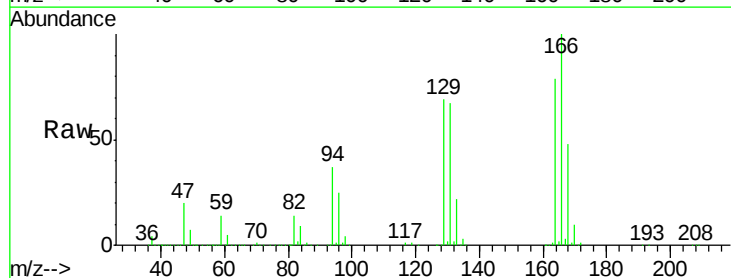
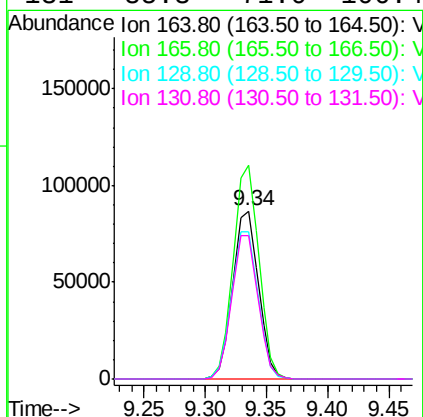
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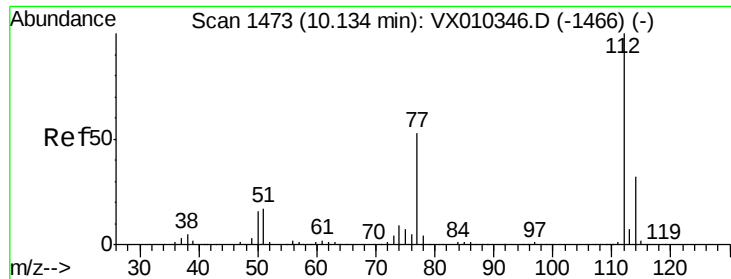
MMDadoda
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#64
Tetrachloroethene
Concen: 52.455 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	126223		
166	127.2	103.6	155.4	
129	88.1	73.0	109.4	
131	85.3	71.0	106.4	





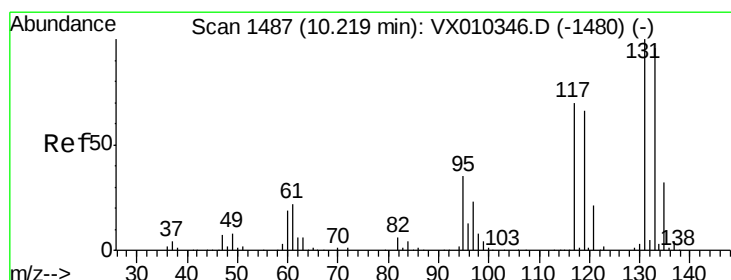
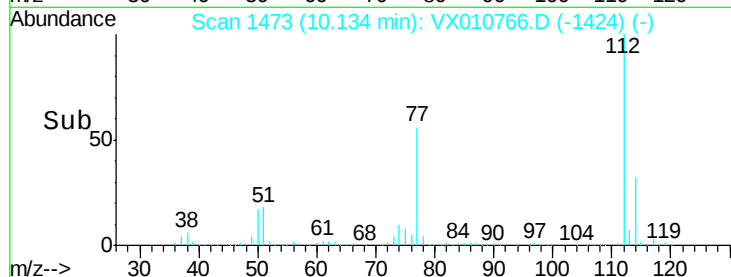
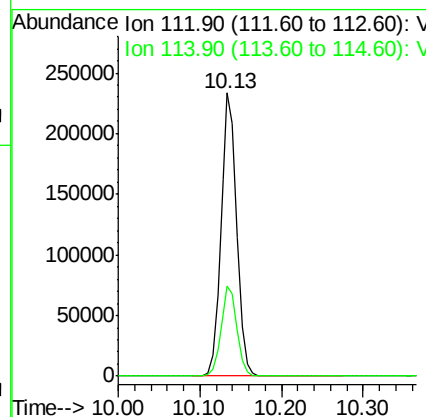
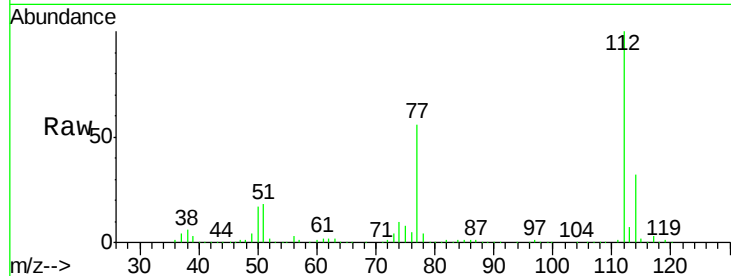
#65
Chlorobenzene
Concen: 52.135 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion:112 Resp: 314891
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.2

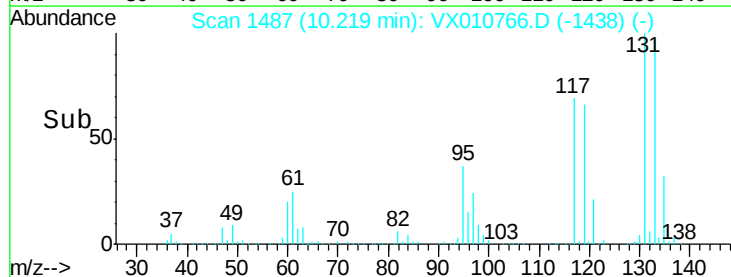
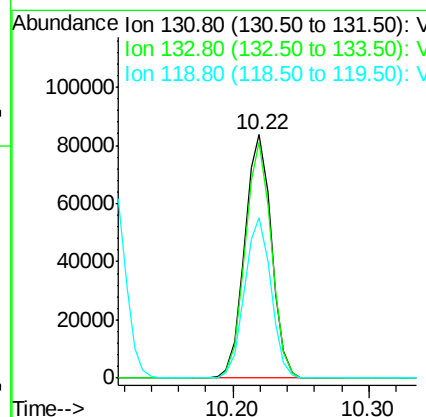
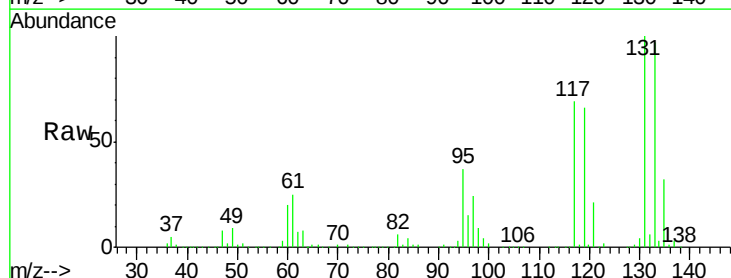
Manual Integrations
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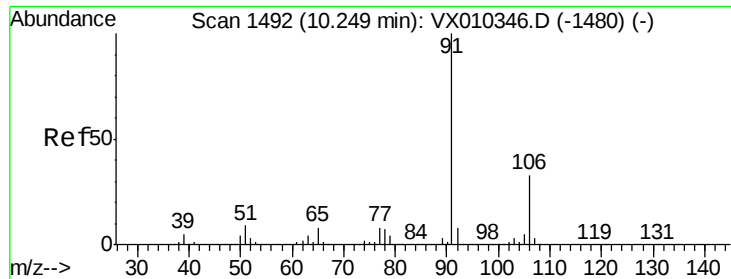
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 52.352 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion:131 Resp: 115176
Ion Ratio Lower Upper
131 100
133 94.7 47.7 143.1
119 65.2 32.6 97.7





#67

Ethyl Benzene

Concen: 53.629 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 546839

Ion Ratio Lower Upper

91 100

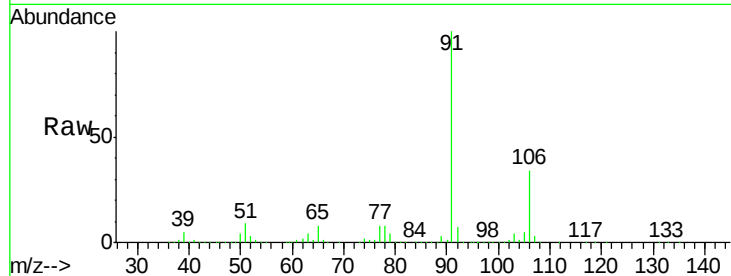
106 33.8 26.2 39.2

Manual Integrations

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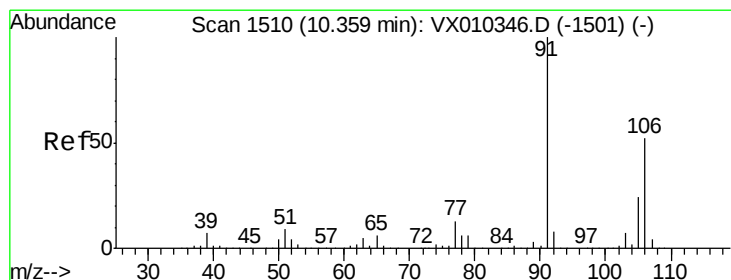
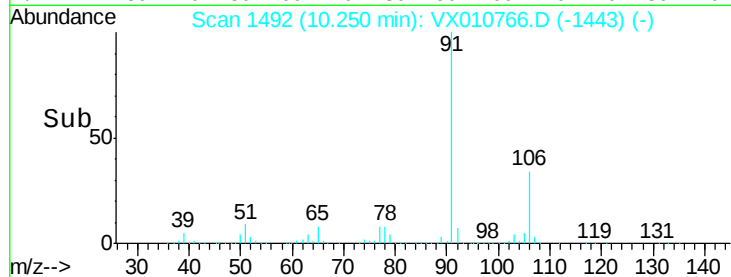
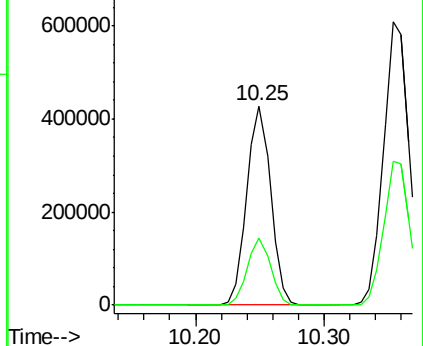
MMDadoda

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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1480) (-)

Ion 106.00 (105.70 to 106.70): VX010346.D (-1480) (-)



#68

m/p-Xylenes

Concen: 108.210 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010766.D

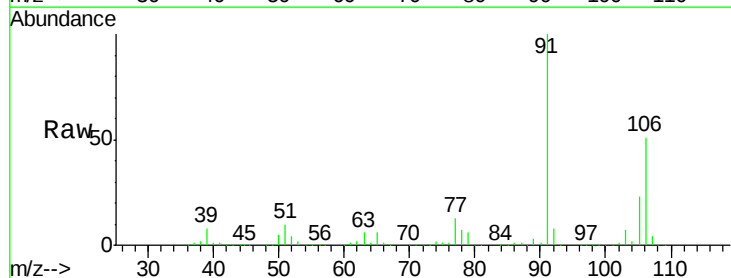
Acq: 10 Jul 2019 09:52

Tgt Ion: 106 Resp: 427535

Ion Ratio Lower Upper

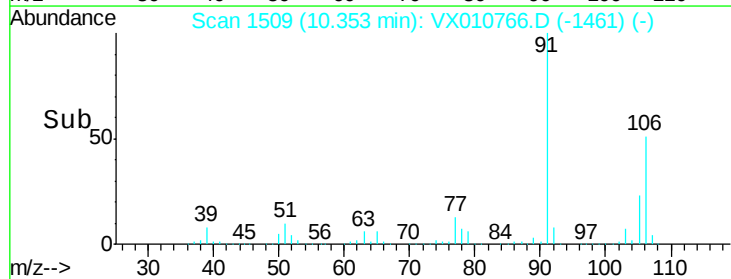
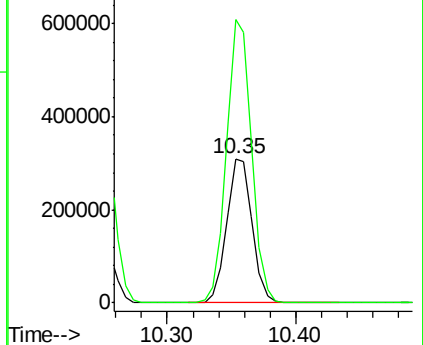
106 100

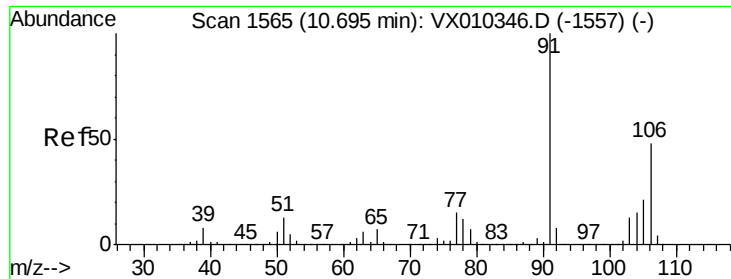
91 194.5 155.3 232.9



Abundance Ion 106.00 (105.70 to 106.70): VX010346.D (-1501) (-)

Ion 91.00 (90.70 to 91.70): VX010346.D (-1501) (-)





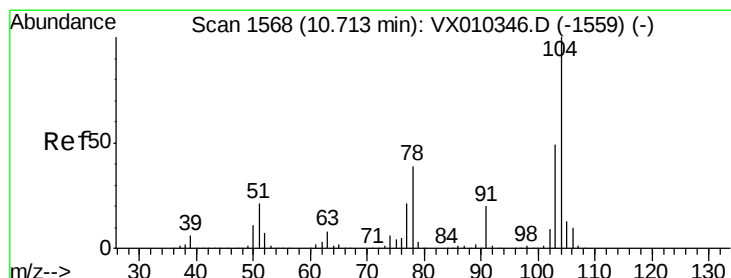
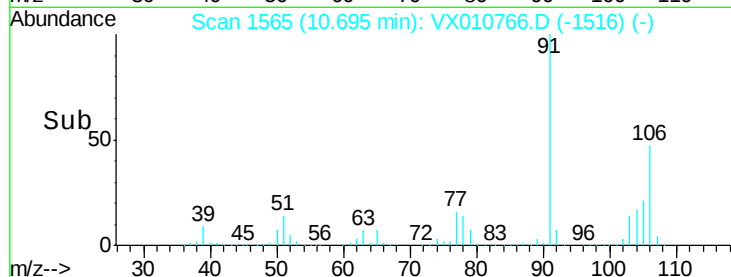
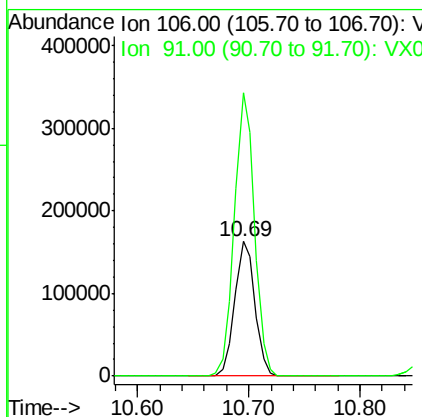
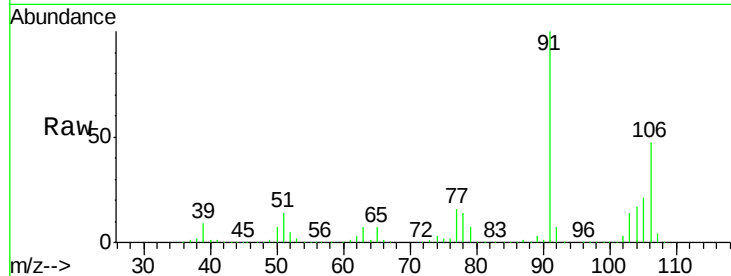
#69
o-Xylene
Concen: 52.673 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 204656
Ion Ratio Lower Upper
106 100
91 209.2 102.7 308.1

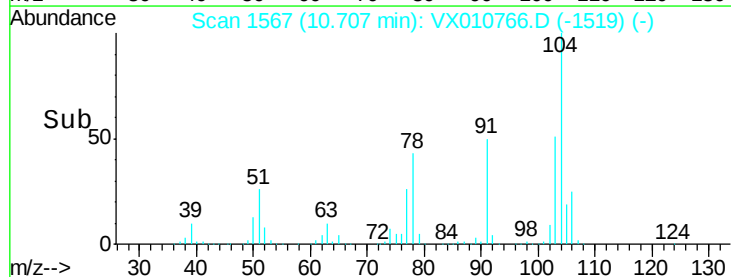
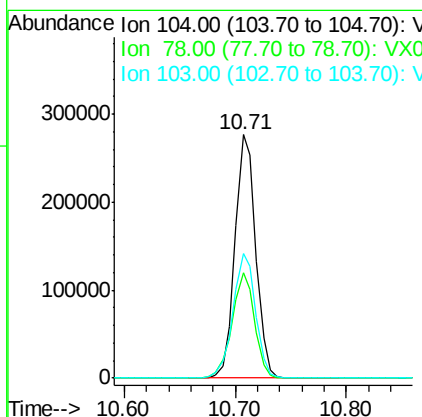
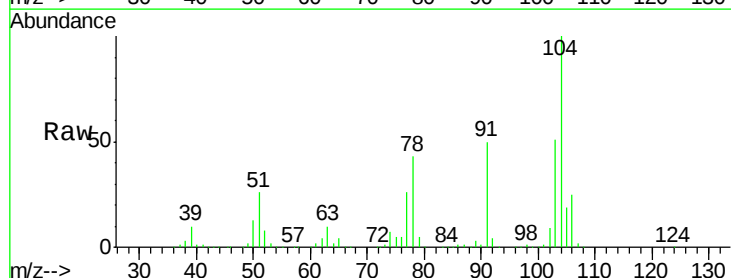
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#70
Styrene
Concen: 54.693 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion:104 Resp: 356379
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.7 44.2 66.4





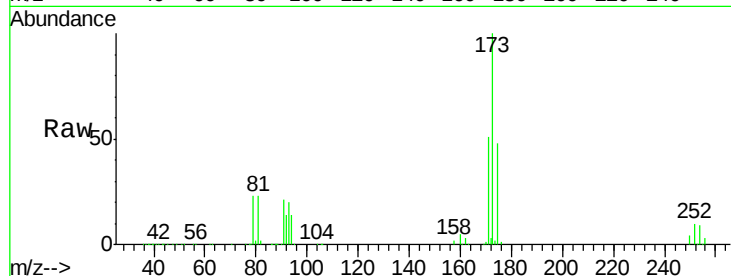
#71
Bromoform
Concen: 49.508 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

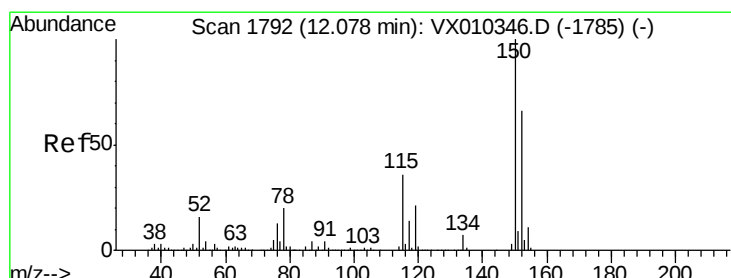
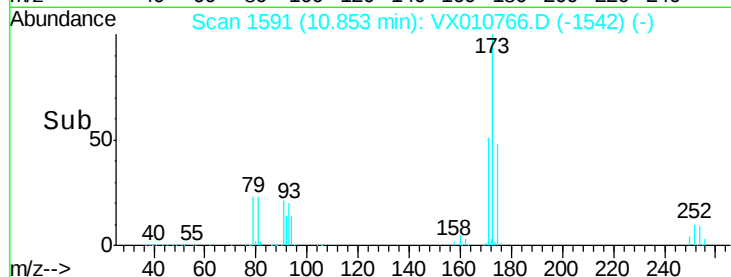
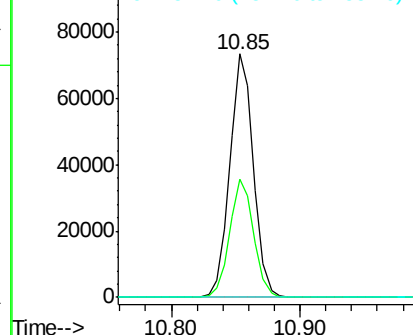
Tgt Ion	Ratio	Lower	Upper
173	100		
175	49.2	24.1	72.3
254	0.2	0.2	0.2

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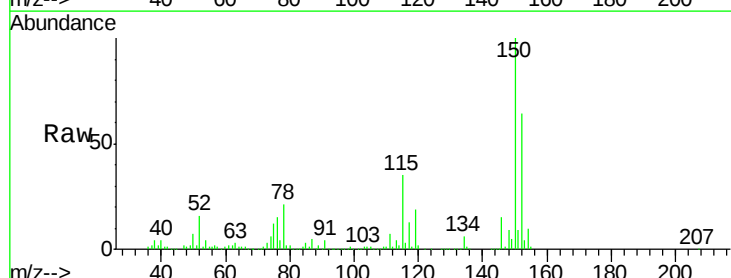


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

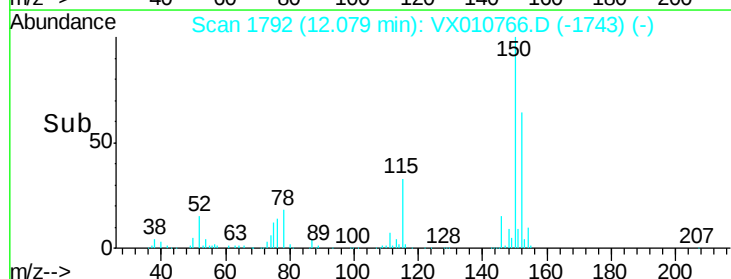
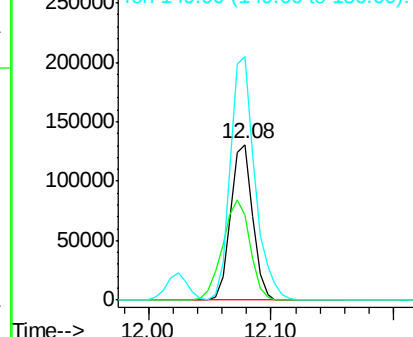


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
152	100		
115	80.6	38.6	115.7
150	174.5	0.0	347.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.609 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 105 Resp: 55518

Ion Ratio Lower Upper

105 100

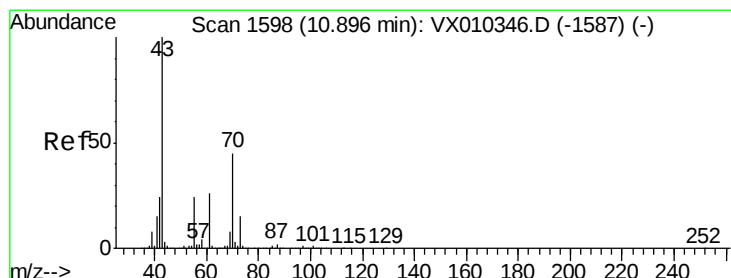
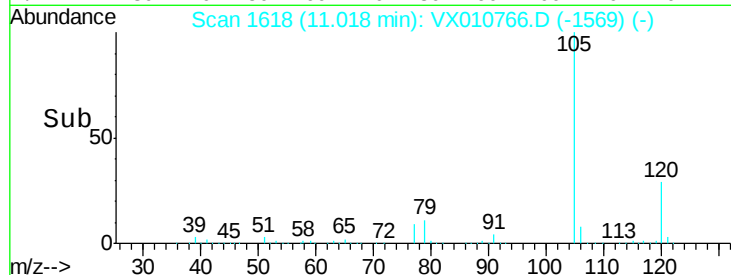
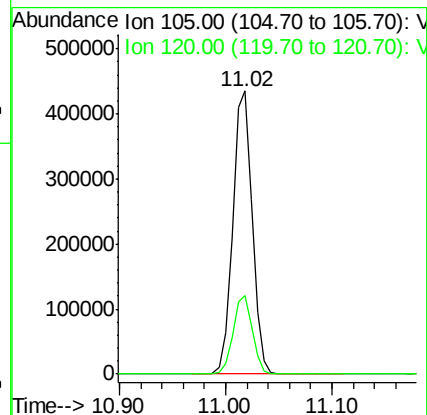
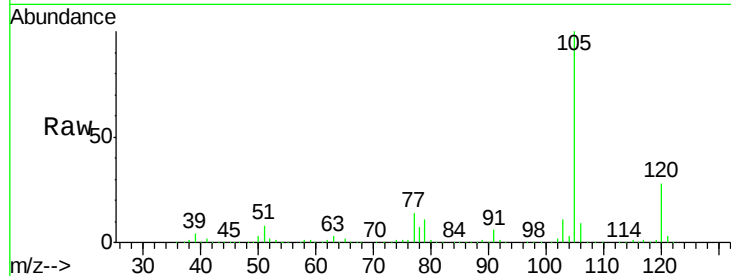
120 27.5 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 51.968 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Tgt Ion: 43 Resp: 215581

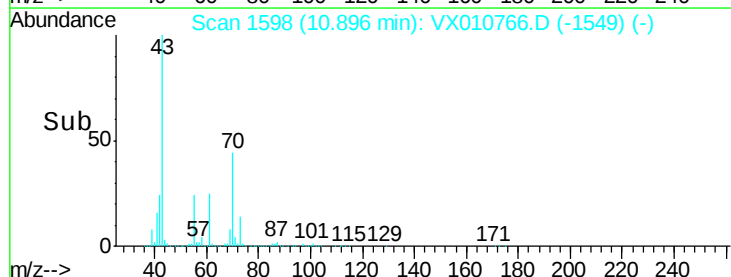
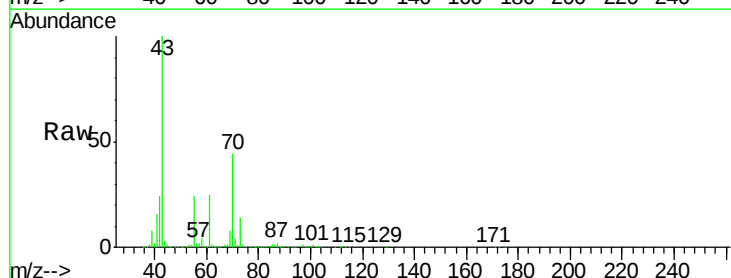
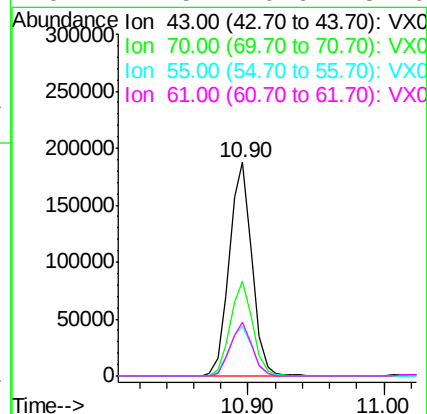
Ion Ratio Lower Upper

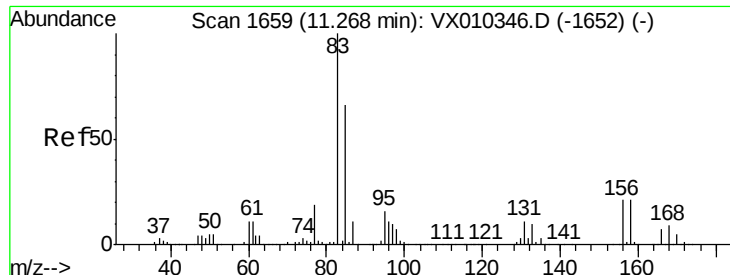
43 100

70 44.0 36.6 54.8

55 23.7 18.7 28.1

61 24.5 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.642 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 83 Resp: 176822

Ion Ratio Lower Upper

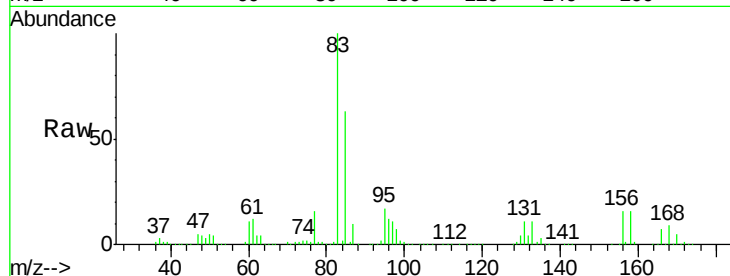
83 100

131 11.2 5.5 16.4

85 64.9 32.3 96.8

Manual Integrations
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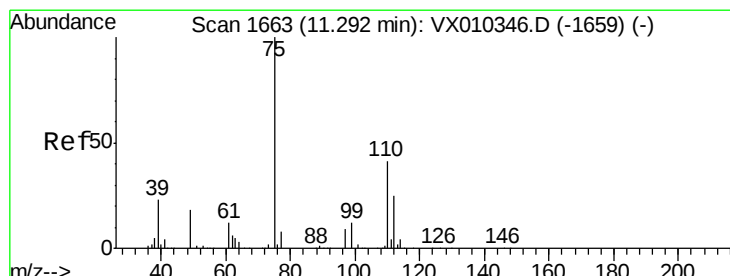
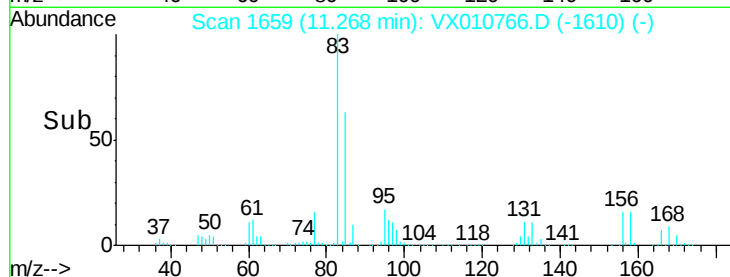
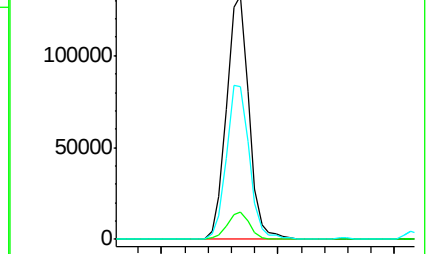
MMDadoda
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Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.396 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. 0.00 min

Lab File: VX010766.D

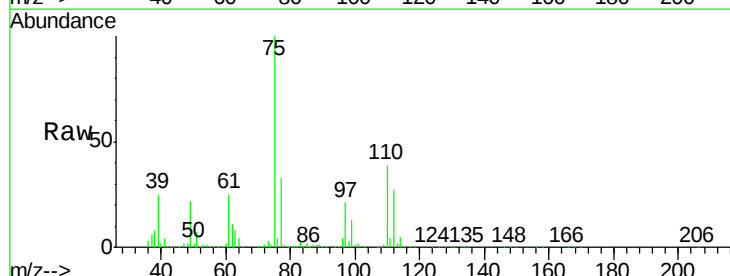
Acq: 10 Jul 2019 09:52

Tgt Ion: 75 Resp: 148706

Ion Ratio Lower Upper

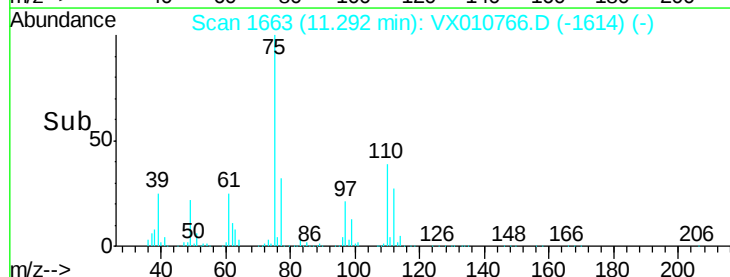
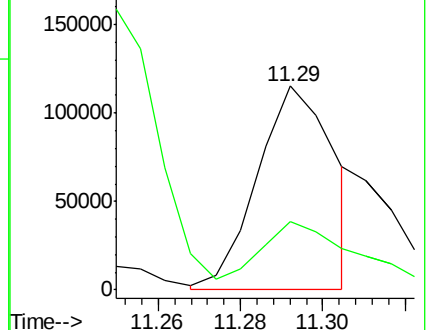
75 100

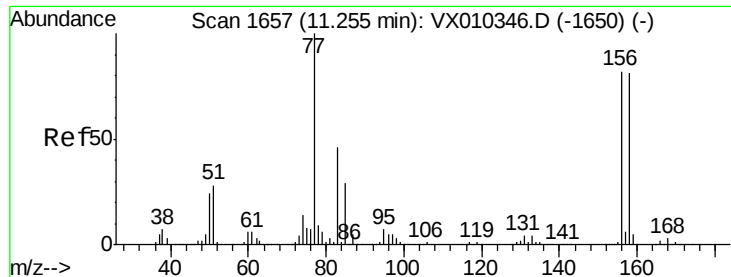
77 43.1 22.6 67.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 48.907 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

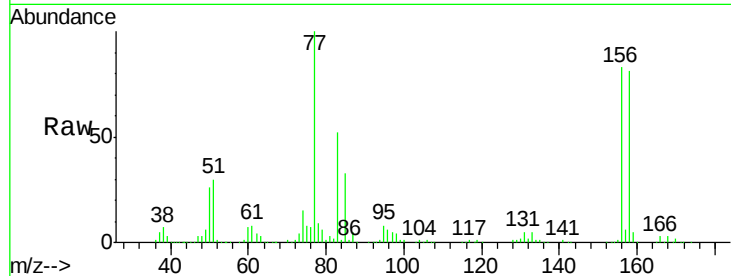
ClientSampleId :

VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
156	100	149900		
77	135.2	66.3	198.7	
158	97.3	48.9	146.7	

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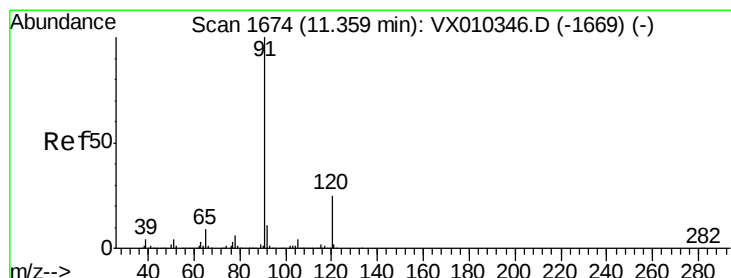
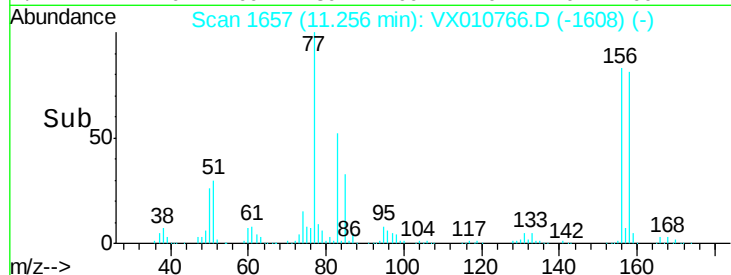
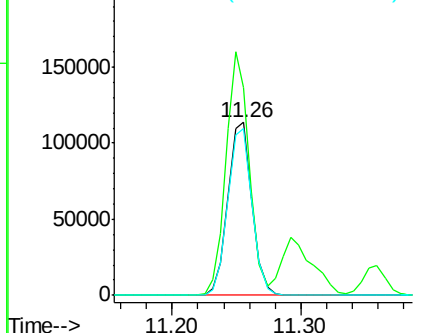
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.274 ug/l

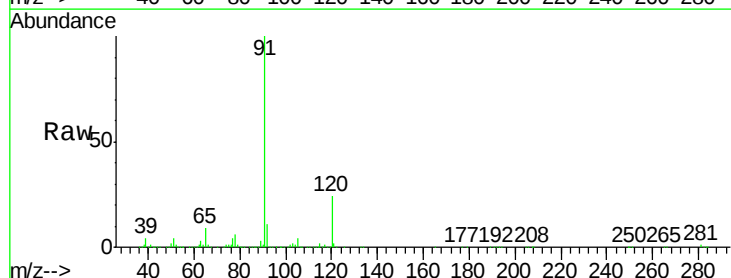
RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX010766.D

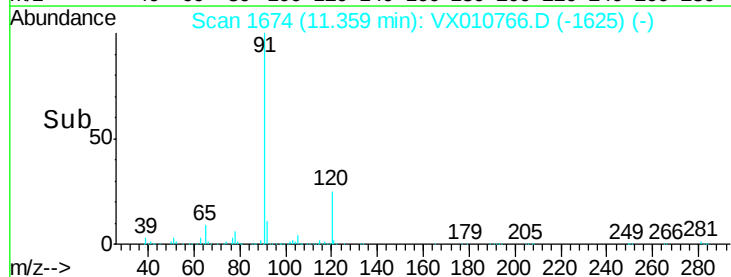
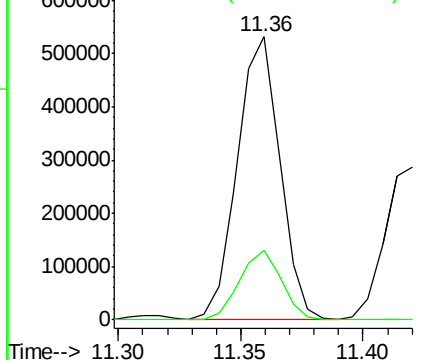
Acq: 10 Jul 2019 09:52

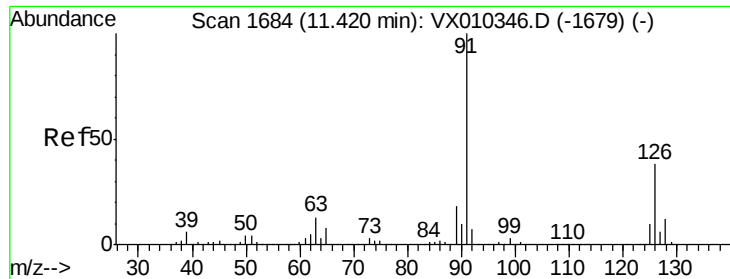
Tgt Ion	Ratio	Resp	Lower	Upper
91	100	642693		
120	24.3	12.4	37.4	



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.612 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 91 Resp: 363581

Ion Ratio Lower Upper

91 100

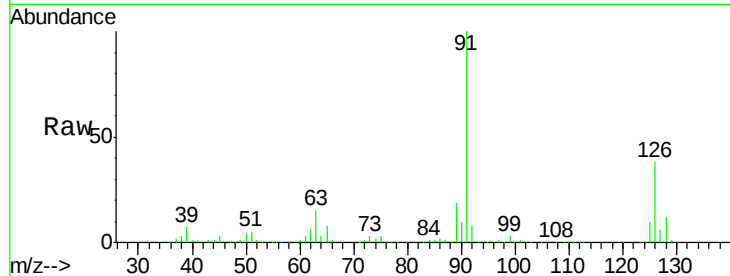
126 37.0 18.7 56.1

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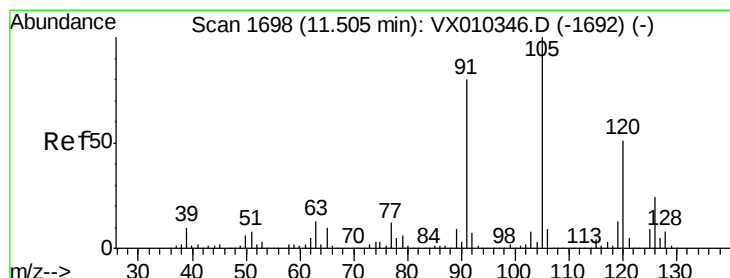
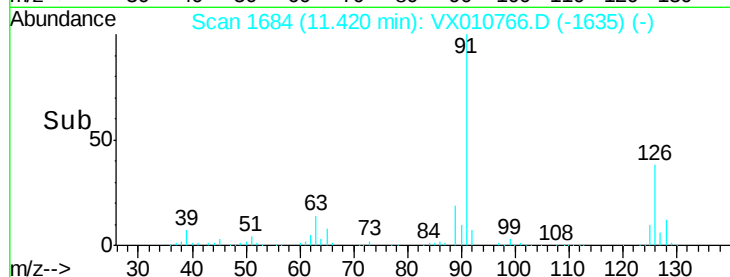
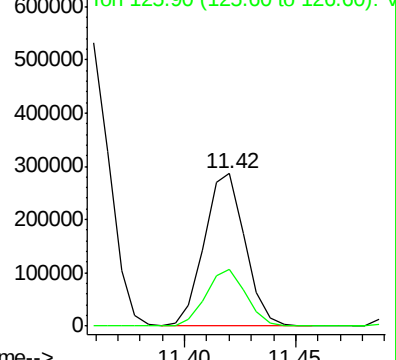
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Abundance Ion 91.00 (90.70 to 91.70): VX010346.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 51.926 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX010766.D

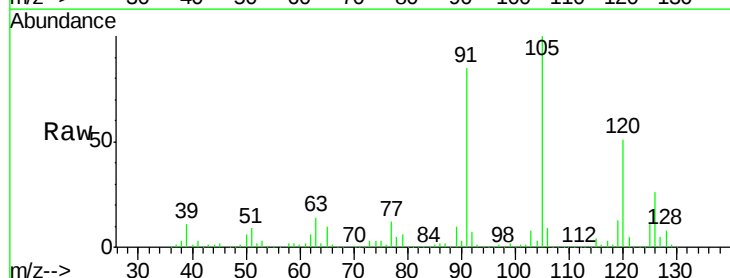
Acq: 10 Jul 2019 09:52

Tgt Ion: 105 Resp: 469879

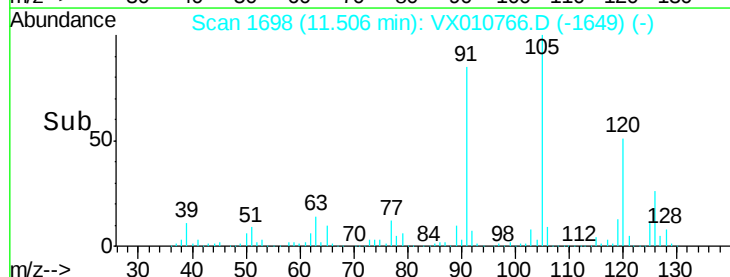
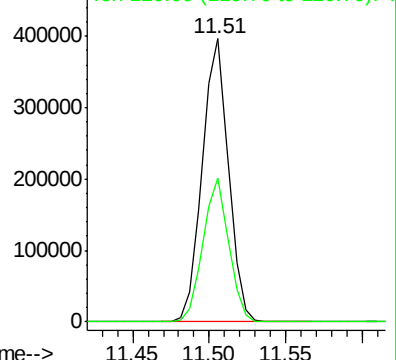
Ion Ratio Lower Upper

105 100

120 50.1 25.2 75.6



Abundance Ion 105.00 (104.70 to 105.70): VX010346.D (-1692) (-)





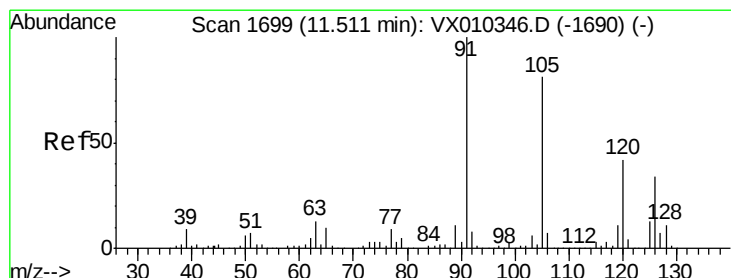
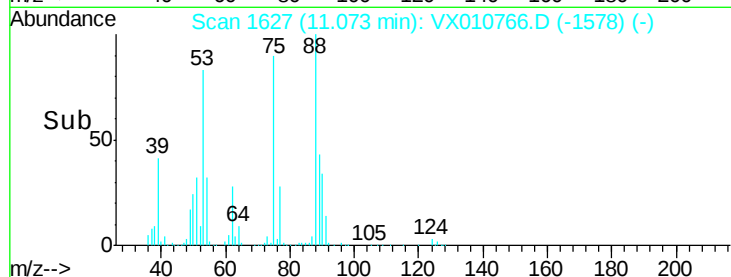
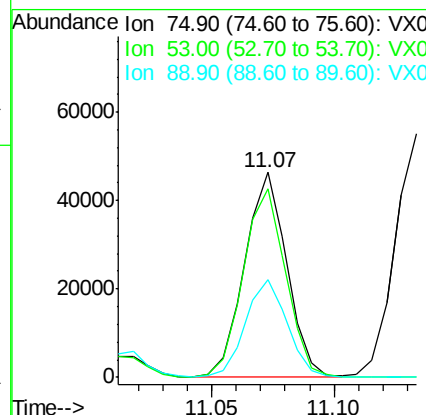
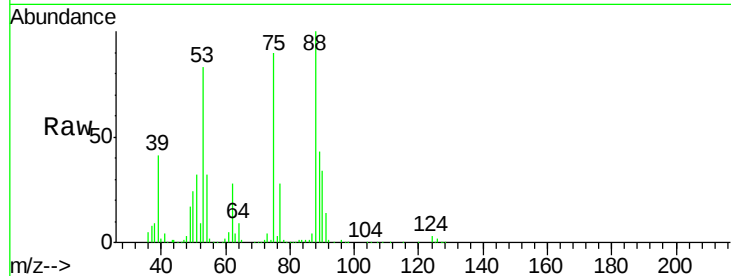
#81
trans-1,4-Dichloro-2-butene
Concen: 43.666 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
75	100		
53	93.9	66.1	99.1
89	47.4	37.8	56.6

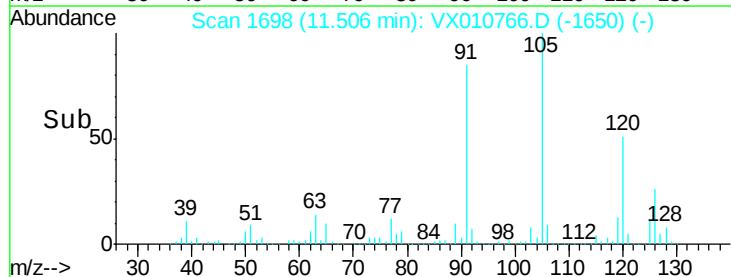
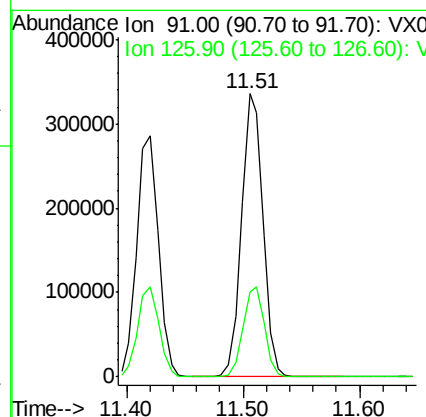
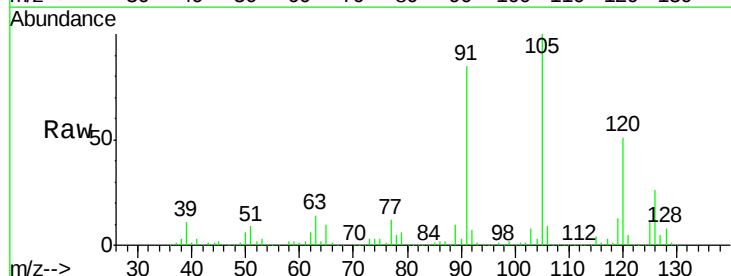
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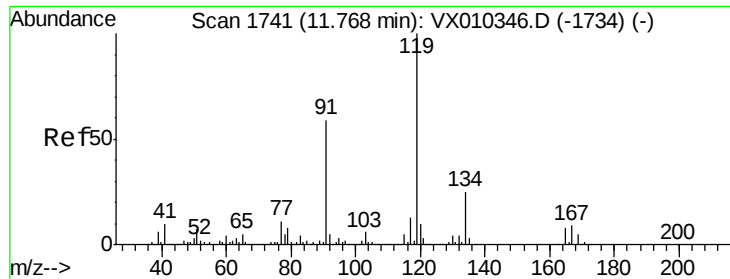
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#82
4-Chlorotoluene
Concen: 52.635 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.1	16.2	48.6





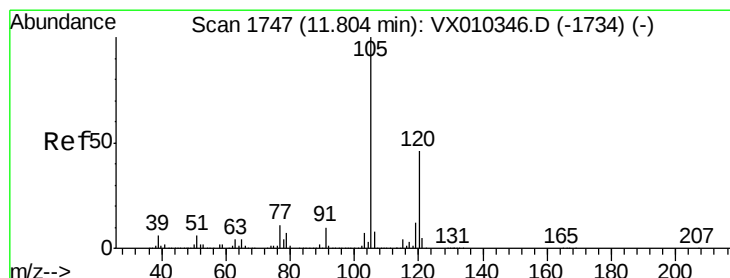
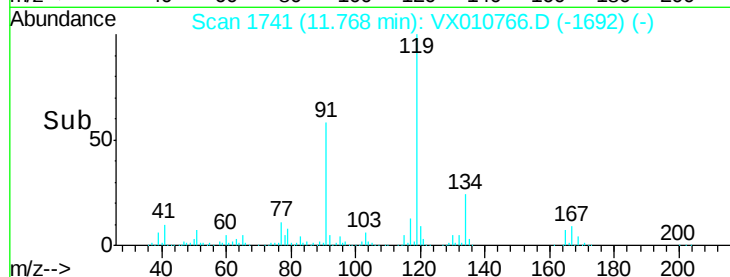
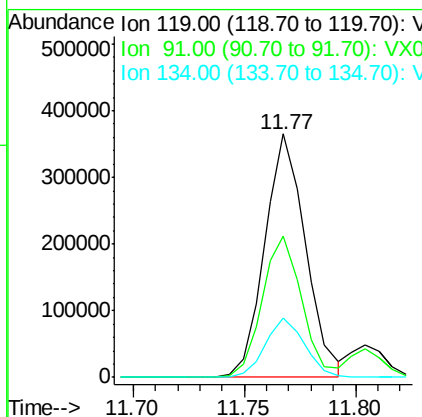
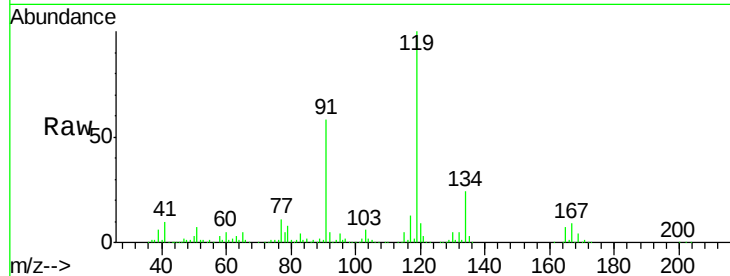
#83
 tert-Butylbenzene
 Concen: 51.007 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
119	100		
91	56.8	27.6	82.7
134	23.6	11.8	35.4

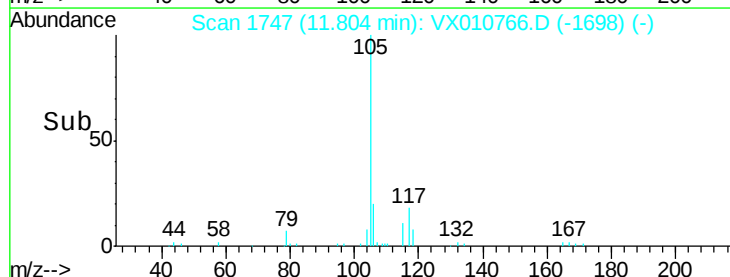
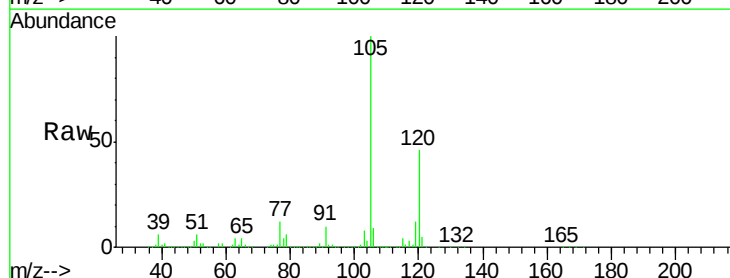
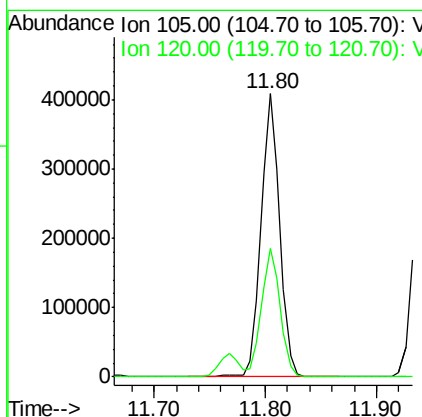
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#84
 1,2,4-Trimethylbenzene
 Concen: 52.717 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.8	23.1	69.2





#85

sec-Butylbenzene

Concen: 52.451 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 559332

Ion Ratio Lower Upper

105 100

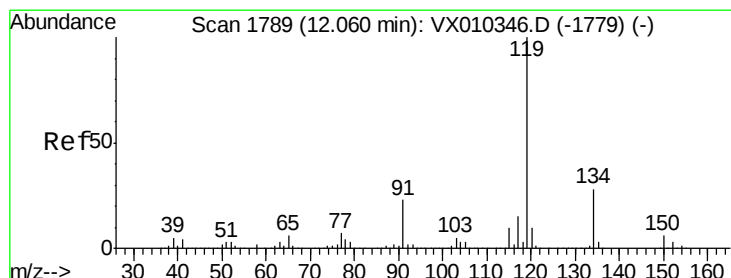
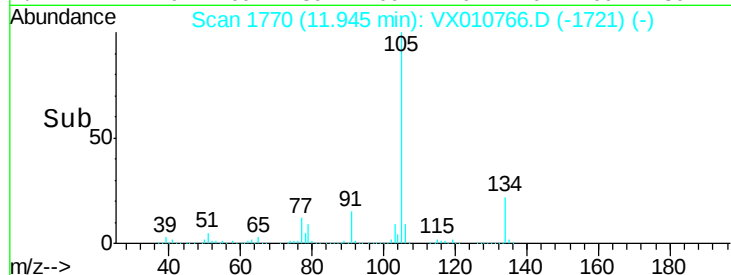
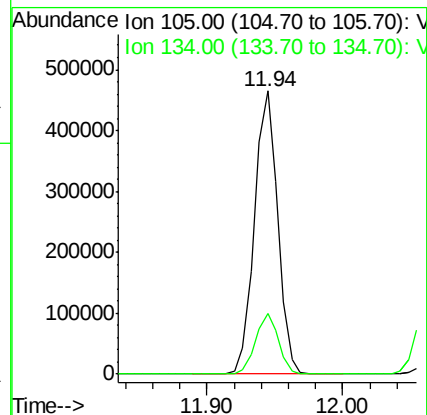
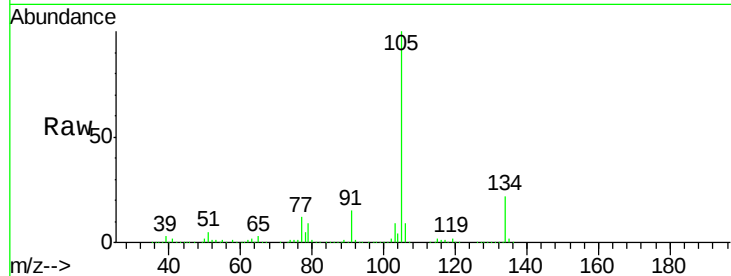
134 21.1 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 52.871 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010766.D

Acq: 10 Jul 2019 09:52

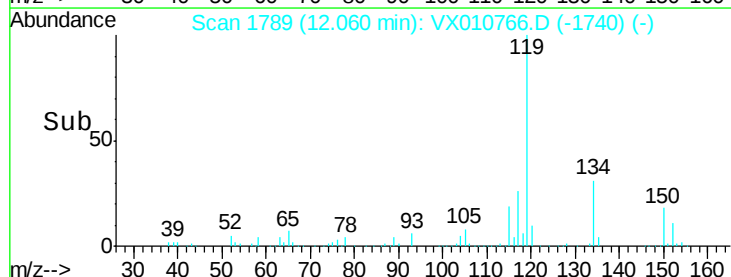
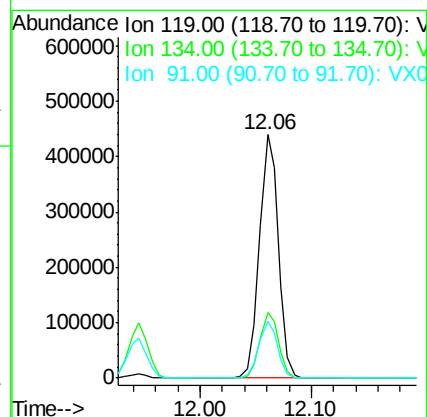
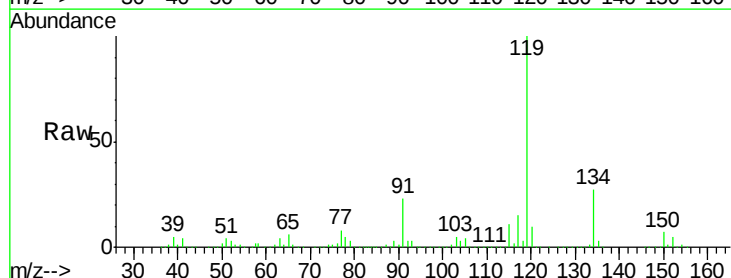
Tgt Ion:119 Resp: 521506

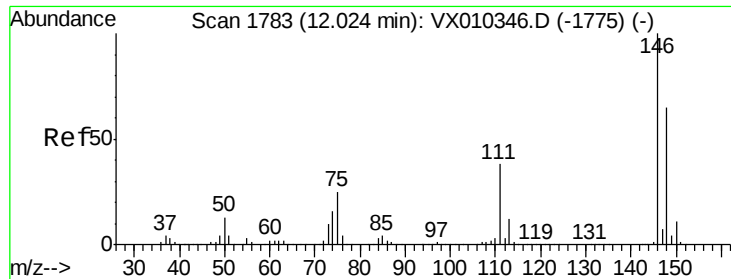
Ion Ratio Lower Upper

119 100

134 27.0 13.7 41.1

91 22.9 11.3 33.8





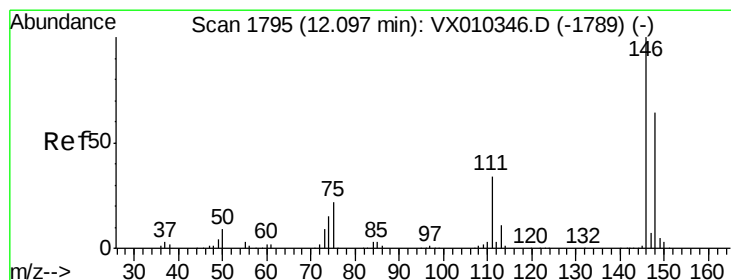
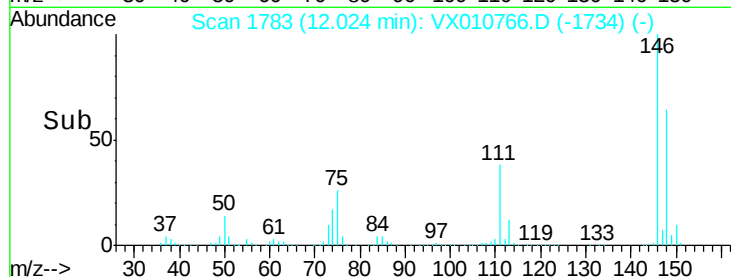
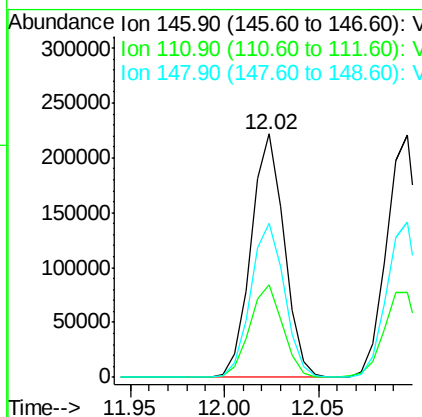
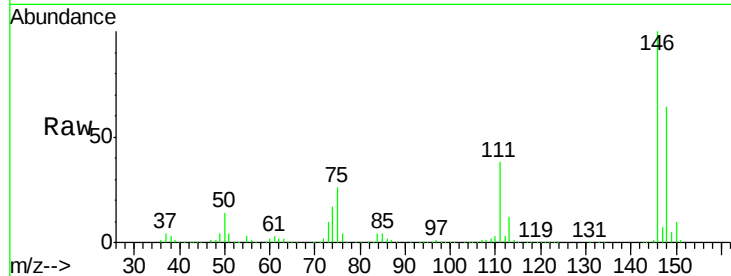
#87
 1,3-Dichlorobenzene
 Concen: 50.536 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.1	57.1
148	64.4	32.5	97.4

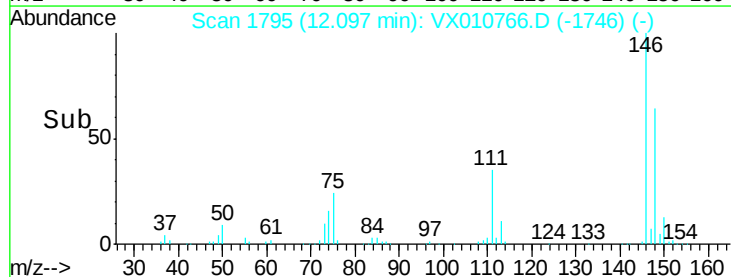
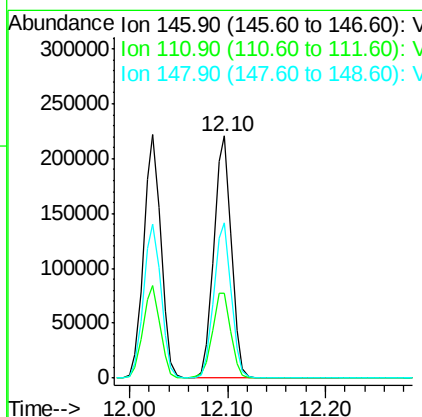
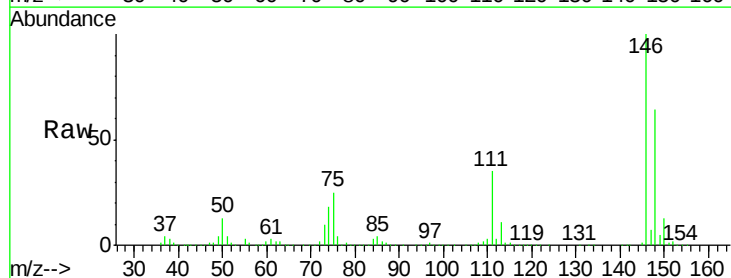
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#88
 1,4-Dichlorobenzene
 Concen: 49.965 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.1	54.3
148	63.9	32.1	96.3





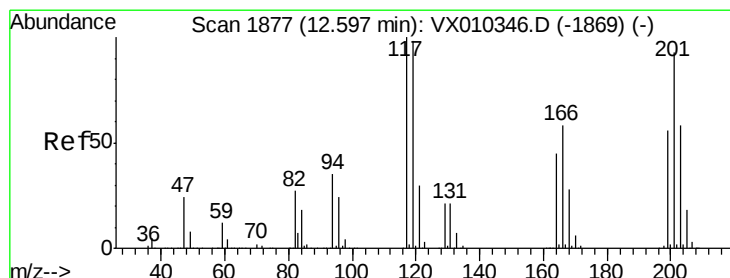
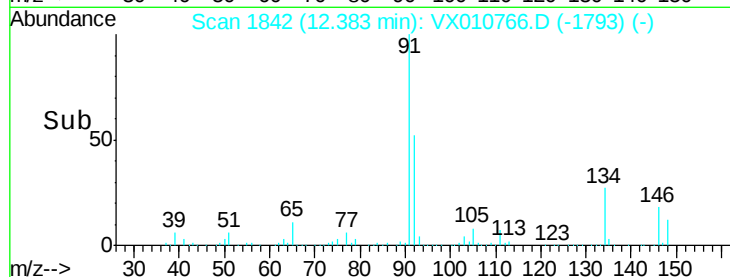
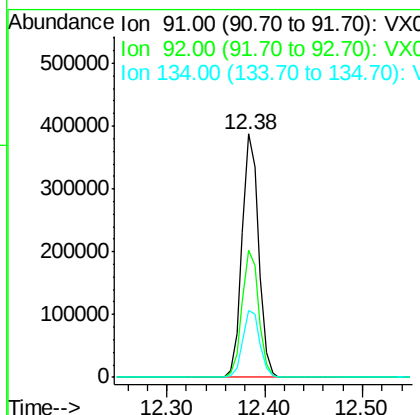
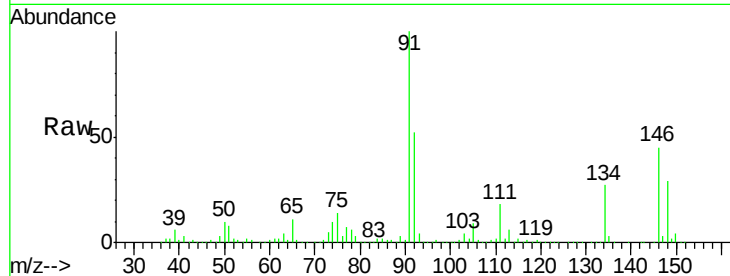
#89
n-Butylbenzene
Concen: 54.376 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tgt Ion: 91 Resp: 455762
Ion Ratio Lower Upper
91 100
92 52.4 26.2 78.5
134 27.9 14.1 42.4

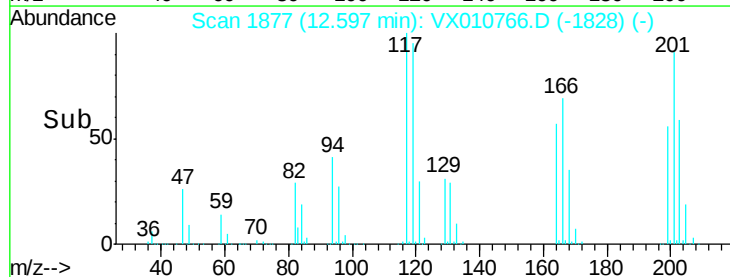
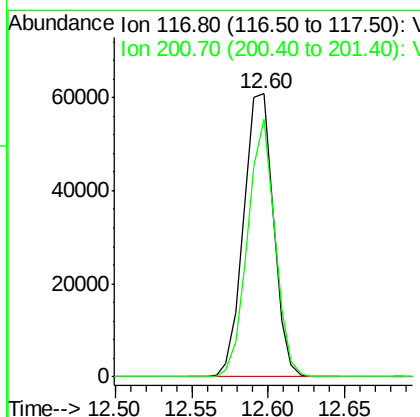
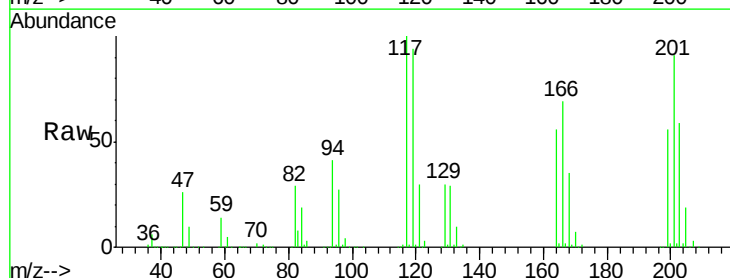
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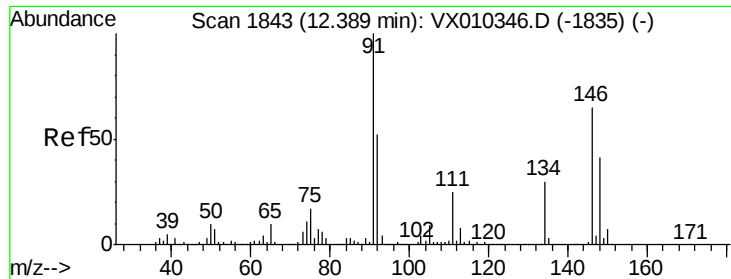
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#90
Hexachloroethane
Concen: 48.410 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion: 117 Resp: 82566
Ion Ratio Lower Upper
117 100
201 83.3 44.0 131.8





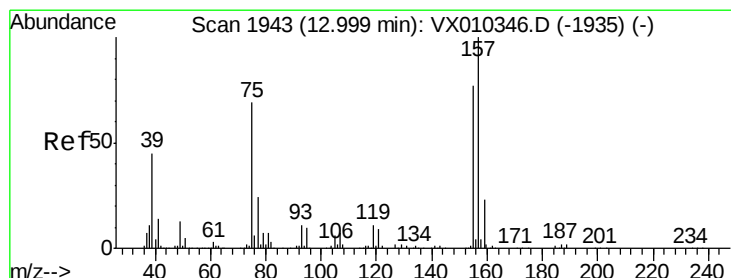
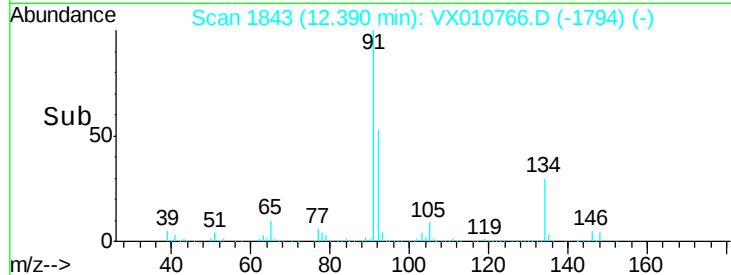
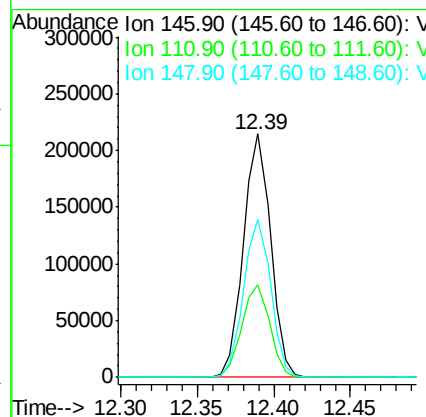
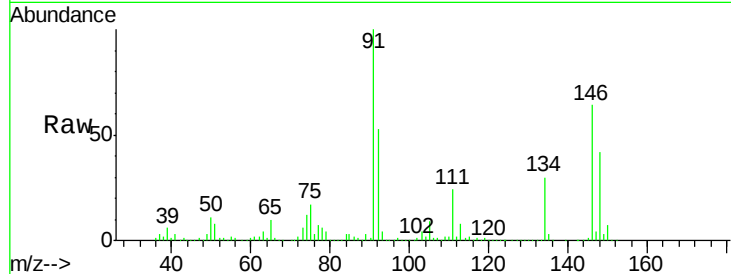
#91
 1,2-Dichlorobenzene
 Concen: 49.902 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	265346		
111	39.1	19.2	57.6	
148	64.9	32.0	96.0	

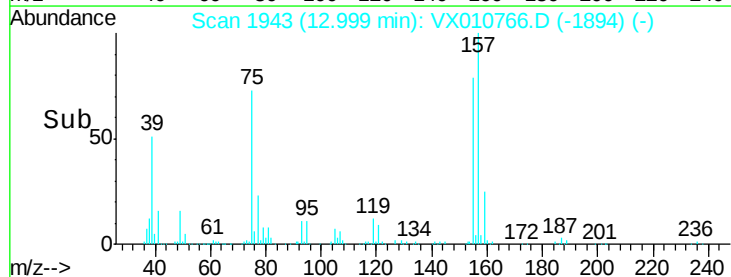
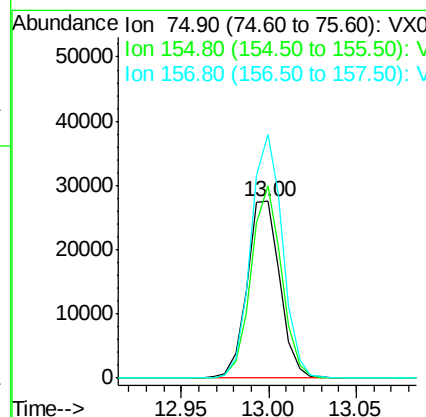
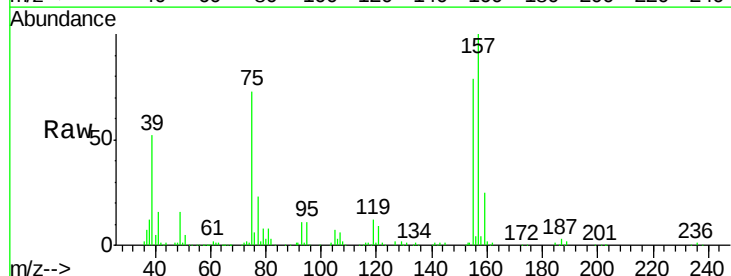
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 45.823 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35914		
155	100.5	54.4	163.1	
157	132.4	69.5	208.3	





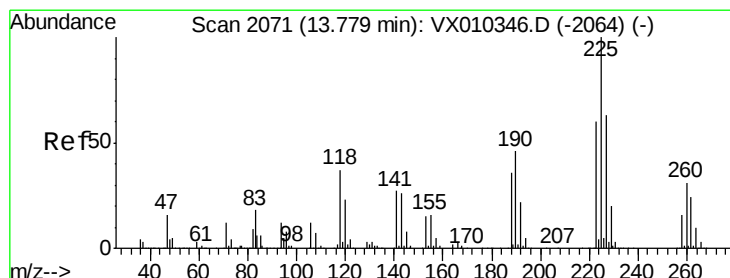
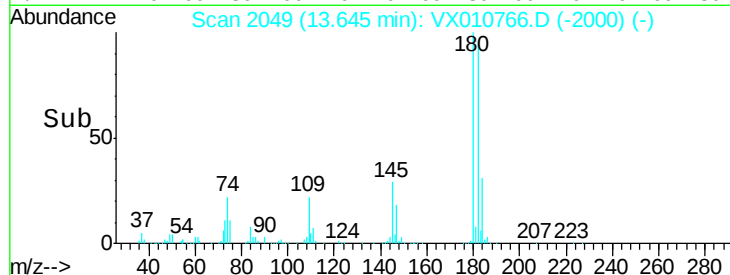
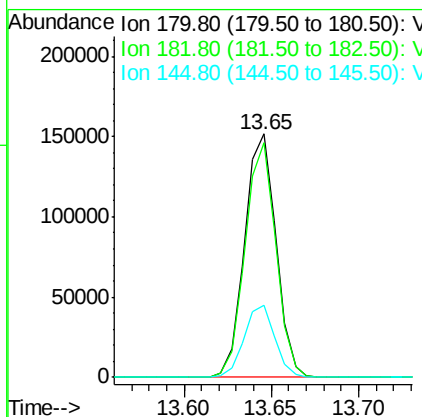
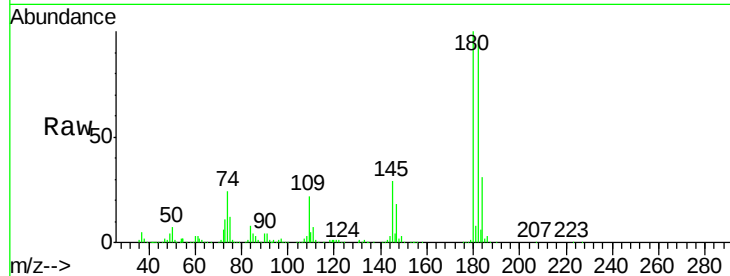
#93
 1,2,4-Trichlorobenzene
 Concen: 51.239 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	188943		
182	94.5	48.0	144.0	
145	29.1	14.4	43.4	

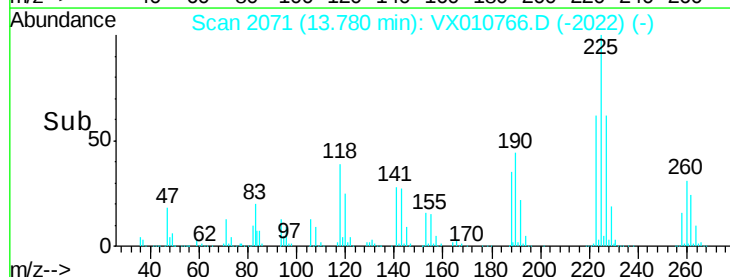
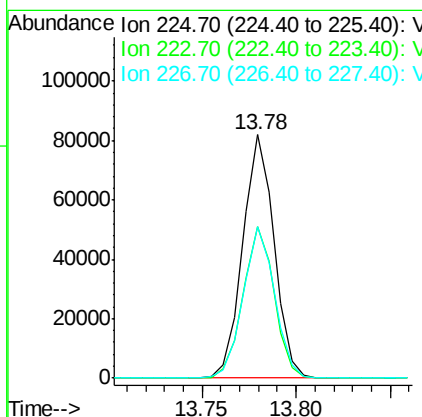
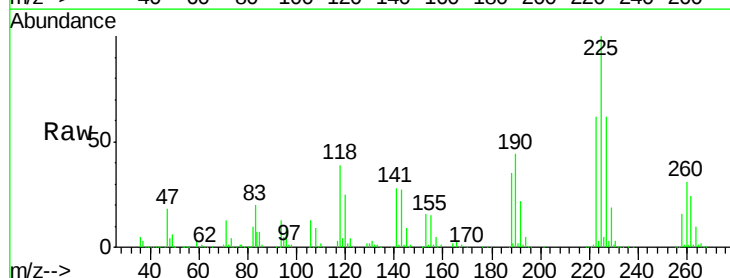
Manual Integrations
 APPROVED

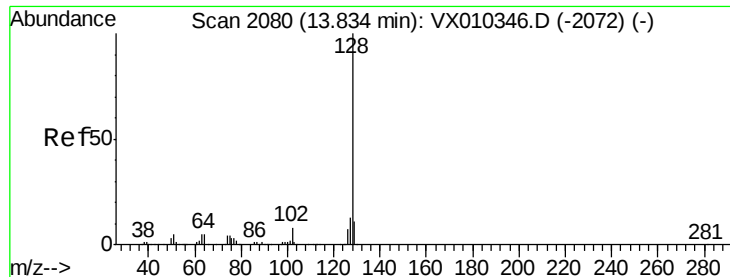
MMDadoda
 7/11/2019 10:53:53 AM



#94
 Hexachlorobutadiene
 Concen: 52.368 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010766.D
 Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	94378		
223	61.9	30.9	92.7	
227	62.5	31.9	95.5	





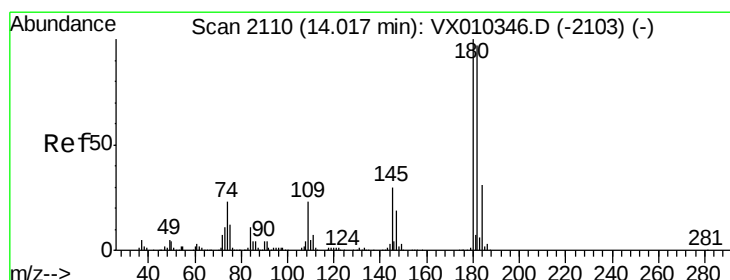
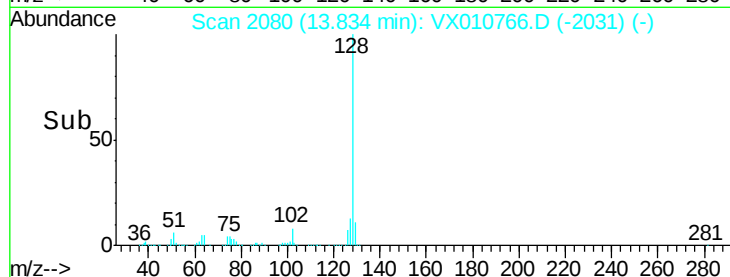
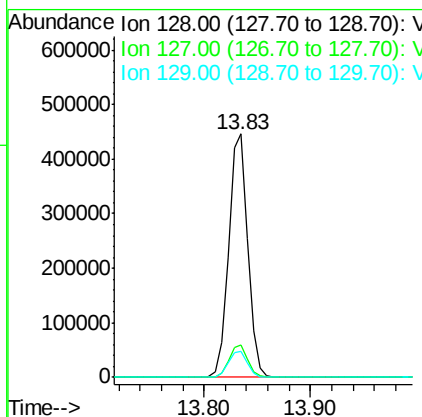
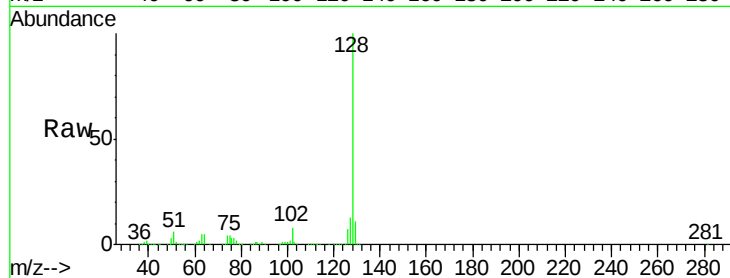
#95
Naphthalene
Concen: 49.134 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	556778		
127	13.1		10.2	15.4
129	11.0		8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/11/2019 10:53:53 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.525 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010766.D
Acq: 10 Jul 2019 09:52

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	185240		
182	96.2		47.8	143.3
145	30.9		15.2	45.6

