

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071119\
 Data File : VX010794.D
 Acq On : 11 Jul 2019 09:48
 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
 7/12/2019 12:22:07 PM

Quant Time: Jul 12 07:02:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	233801	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	338344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313587	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164002	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	100801	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
35) Dibromofluoromethane	5.49	113	99344	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
50) Toluene-d8	8.71	98	358447	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
62) 4-Bromofluorobenzene	11.13	95	134047	46.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	89818	55.257	ug/l	99
3) Chloromethane	1.32	50	90362	47.741	ug/l	99
4) Vinyl Chloride	1.41	62	99139	47.821	ug/l	99
5) Bromomethane	1.64	94	53643	53.113	ug/l	97
6) Chloroethane	1.71	64	63773	52.140	ug/l	99
7) Trichlorofluoromethane	1.92	101	172288	52.425	ug/l	100
8) Diethyl Ether	2.19	74	59930	50.851	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	102983	51.710	ug/l	98
10) Methyl Iodide	2.51	142	133379	46.927	ug/l	97
11) Tert butyl alcohol	3.05	59	111993	195.244	ug/l	99
12) 1,1-Dichloroethene	2.37	96	97767	48.243	ug/l	99
13) Acrolein	2.29	56	71154	186.994	ug/l	98
14) Allyl chloride	2.73	41	140896	48.972	ug/l	98
15) Acrylonitrile	3.14	53	275835	242.882	ug/l	99
16) Acetone	2.45	43	294889	268.417	ug/l	98
17) Carbon Disulfide	2.57	76	238073	43.788	ug/l	100
18) Methyl Acetate	2.77	43	108105	49.372	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	310582	48.716	ug/l	99
20) Methylene Chloride	2.85	84	110533	48.889	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	103858	47.651	ug/l	97
22) Diisopropyl ether	3.85	45	299320	49.759	ug/l	92
23) Vinyl Acetate	3.81	43	1320826	254.170	ug/l	99
24) 1,1-Dichloroethane	3.70	63	170623	49.071	ug/l	99
25) 2-Butanone	4.67	43	404521	251.015	ug/l	99
26) 2,2-Dichloropropane	4.57	77	142660	47.230	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	121127	48.092	ug/l	98
28) Bromochloromethane	5.01	49	72668	43.711	ug/l	96
29) Tetrahydrofuran	5.12	42	236395	236.821	ug/l	99
30) Chloroform	5.21	83	185388	49.554	ug/l	98
31) Cyclohexane	5.57	56	156235	49.342	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	160783	48.672	ug/l	99
36) 1,1-Dichloropropene	5.79	75	135111	50.252	ug/l	98
37) Ethyl Acetate	4.82	43	138059	49.913	ug/l	99
38) Carbon Tetrachloride	5.78	117	143709	49.360	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	178316	50.455	ug/l	94
40) Benzene	6.13	78	416314	49.700	ug/l	99
41) Methacrylonitrile	5.04	41	76814	50.614	ug/l	98
42) 1,2-Dichloroethane	6.19	62	135553	53.162	ug/l	99
43) Isopropyl Acetate	6.44	43	228388	49.907	ug/l	98
44) Trichloroethene	7.21	130	122722	48.962	ug/l	99
45) 1,2-Dichloropropane	7.51	63	104906	49.594	ug/l	98
46) Dibromomethane	7.66	93	76618	50.484	ug/l	97
47) Bromodichloromethane	7.90	83	138800	49.904	ug/l	98
48) Methyl methacrylate	7.76	41	110949	52.159	ug/l	98
49) 1,4-Dioxane	7.74	88	55827	911.061	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	750885	256.553	ug/l	97
52) Toluene	8.78	92	275346	49.916	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	151367	48.542	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	169076	49.895	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	115285	50.675	ug/l	99
56) Ethyl methacrylate	9.18	69	173304	50.287	ug/l	95
57) 1,3-Dichloropropane	9.37	76	179446	50.813	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	372848	227.797	ug/l	99
59) 2-Hexanone	9.49	43	590906	256.524	ug/l	98
60) Dibromochloromethane	9.58	129	125722	49.356	ug/l	100
61) 1,2-Dibromoethane	9.67	107	123186	50.165	ug/l	100
64) Tetrachloroethene	9.34	164	123463	48.677	ug/l	99
65) Chlorobenzene	10.13	112	311315	48.900	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	113114	48.777	ug/l	99
67) Ethyl Benzene	10.25	91	540649	50.303	ug/l	99
68) m/p-Xylenes	10.35	106	416076	99.909	ug/l	98
69) o-Xylene	10.69	106	201682	49.245	ug/l	99
70) Styrene	10.71	104	350107	50.975	ug/l	99
71) Bromoform	10.85	173	94511	46.866	ug/l	100
73) Isopropylbenzene	11.02	105	548695	49.355	ug/l	98
74) N-amyl acetate	10.90	43	208338	49.587	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	173694	47.177	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	145004m	48.520	ug/l	
77) Bromobenzene	11.26	156	146127	47.073	ug/l	98
78) n-propylbenzene	11.36	91	625475	51.191	ug/l	99
79) 2-Chlorotoluene	11.42	91	357257	49.102	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	461894	50.398	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	54610	42.629	ug/l	91
82) 4-Chlorotoluene	11.51	91	419157	50.629	ug/l	100
83) tert-Butylbenzene	11.77	119	451564	49.090	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	466325	50.644	ug/l	100
85) sec-Butylbenzene	11.94	105	547963	50.735	ug/l	99
86) p-Isopropyltoluene	12.06	119	512394	51.290	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	264150	48.748	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	261347	47.375	ug/l	99
89) n-Butylbenzene	12.38	91	447112	52.669	ug/l	99
90) Hexachloroethane	12.60	117	81252	47.037	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	256816	47.687	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	35601	44.849	ug/l	91

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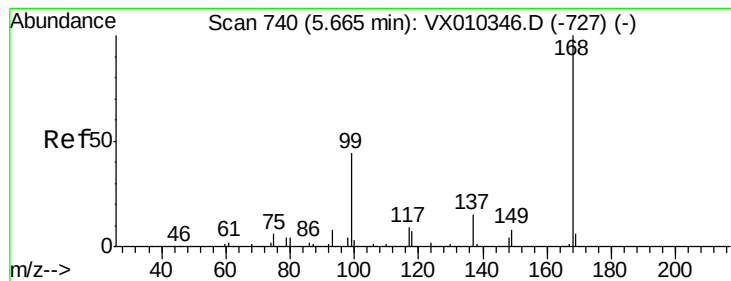
Manual Integrations
APPROVED

MMDadoda
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	181533	48.606	ug/l	99
94) Hexachlorobutadiene	13.78	225	88097	48.264	ug/l	97
95) Naphthalene	13.83	128	538821	46.947	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	180180	48.523	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 233801

Ion Ratio Lower Upper

168 100

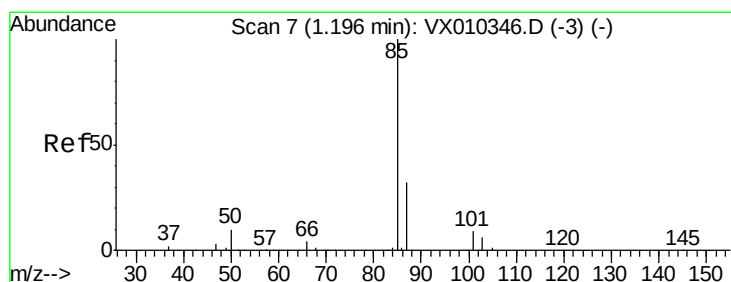
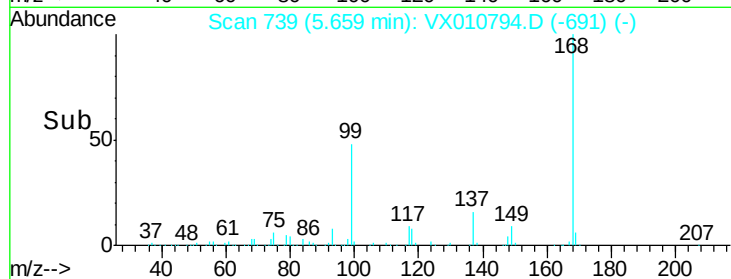
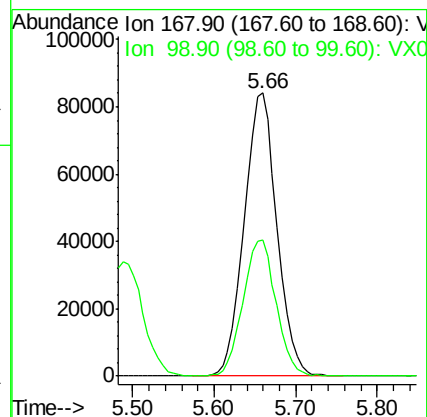
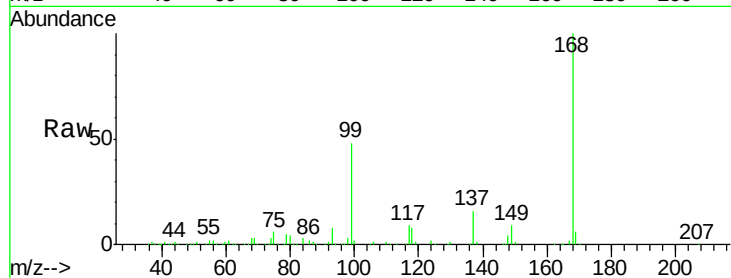
99 48.0 35.5 53.3

Manual Integrations

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#2

Dichlorodifluoromethane

Concen: 55.257 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX010794.D

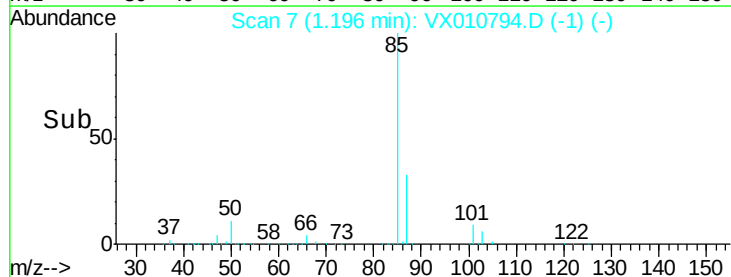
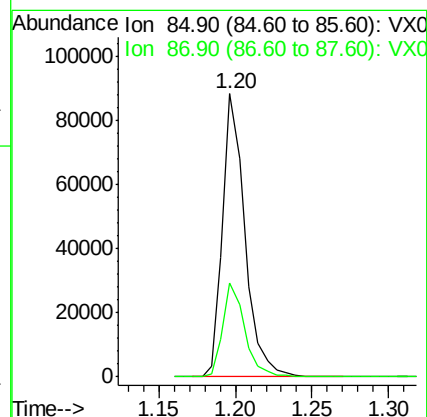
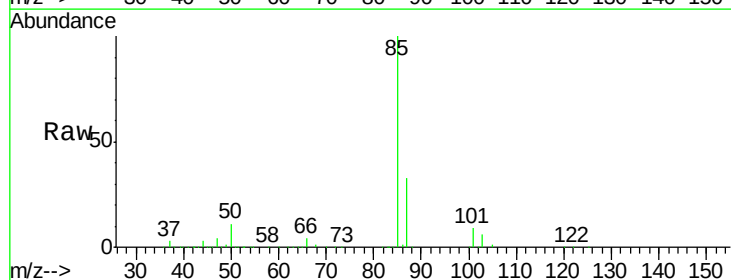
Acq: 11 Jul 2019 09:48

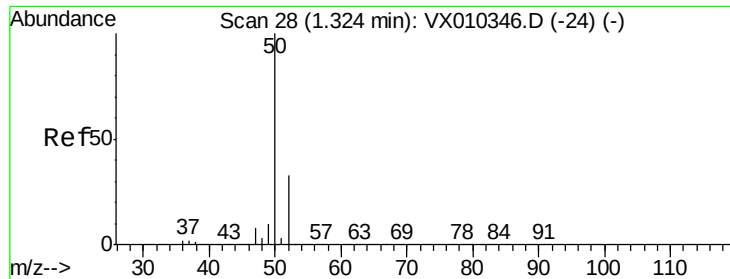
Tgt Ion: 85 Resp: 89818

Ion Ratio Lower Upper

85 100

87 33.0 16.3 48.8





#3

Chloromethane

Concen: 47.741 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 90362

Ion Ratio Lower Upper

50 100

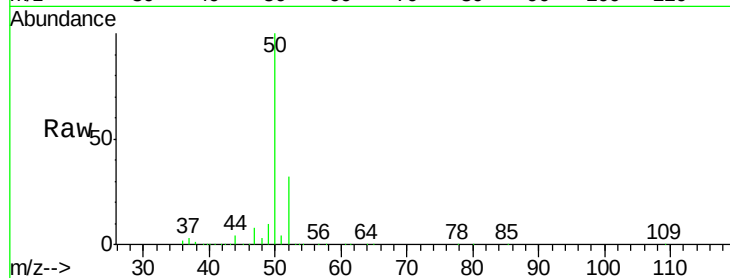
52 32.5 26.5 39.7

Manual Integrations

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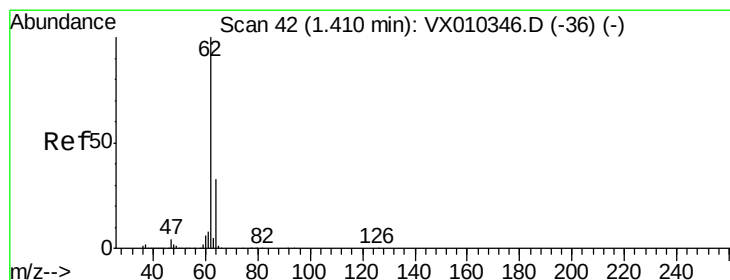
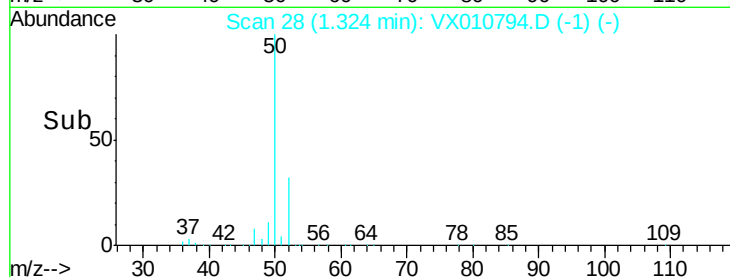
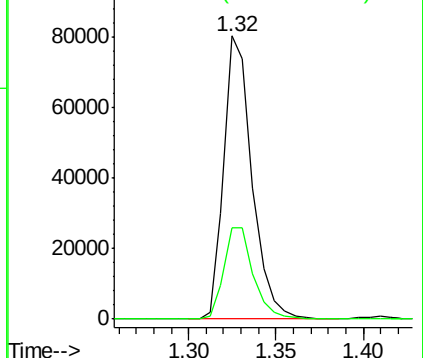
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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.821 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX010794.D

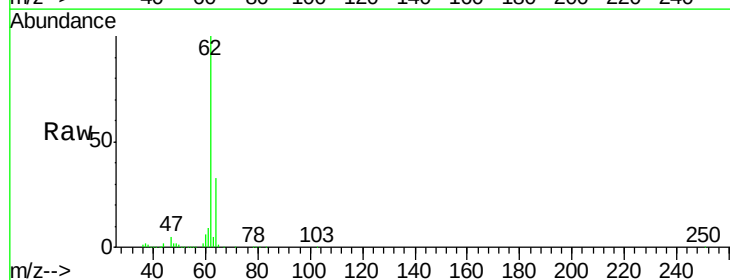
Acq: 11 Jul 2019 09:48

Tgt Ion: 62 Resp: 99139

Ion Ratio Lower Upper

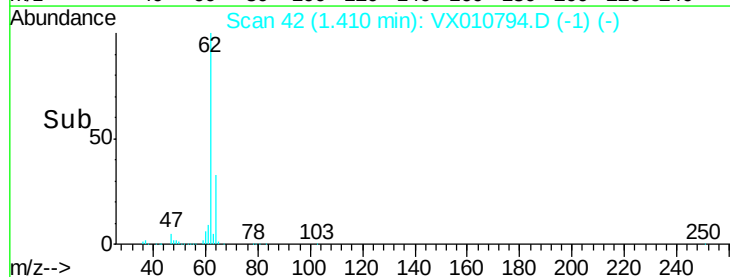
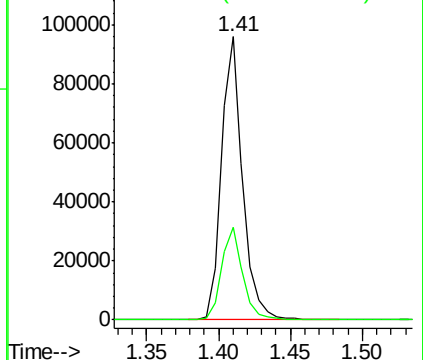
62 100

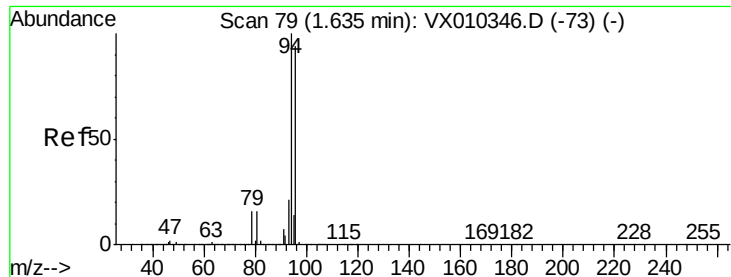
64 32.5 26.2 39.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 53.113 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 53643

Ion Ratio Lower Upper

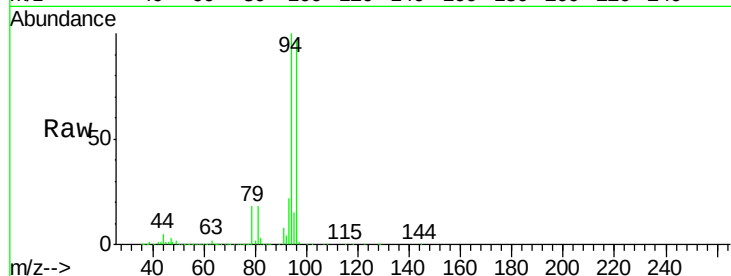
94 100

96 96.9 75.5 113.3

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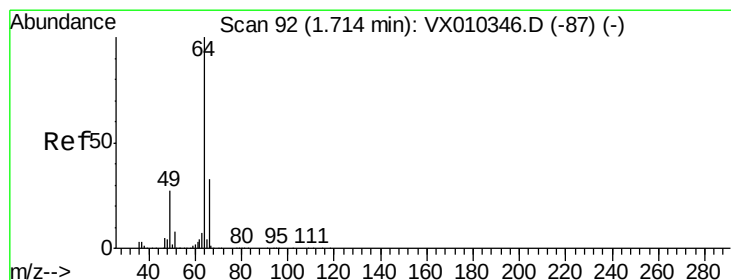
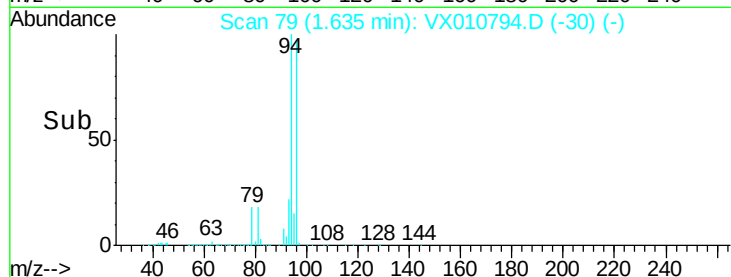
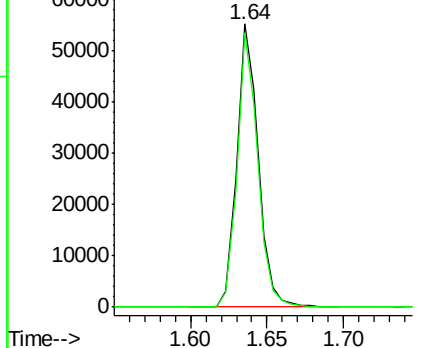
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 52.140 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010794.D

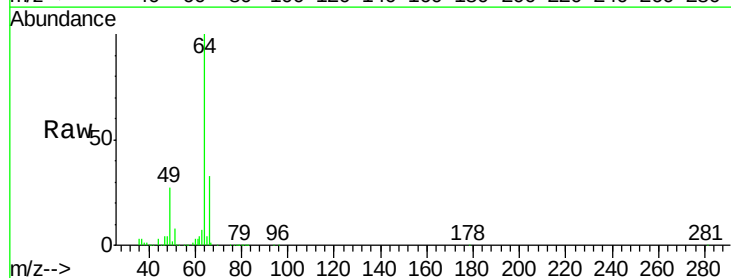
Acq: 11 Jul 2019 09:48

Tgt Ion: 64 Resp: 63773

Ion Ratio Lower Upper

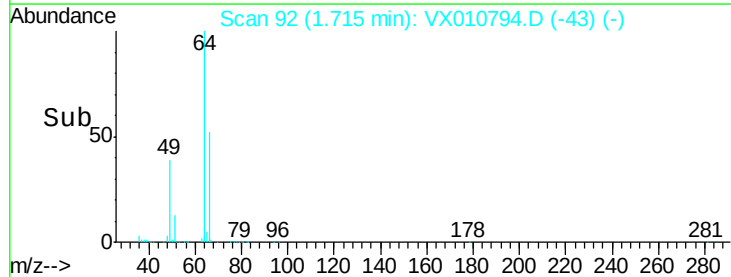
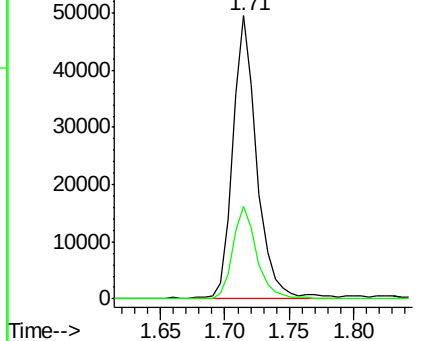
64 100

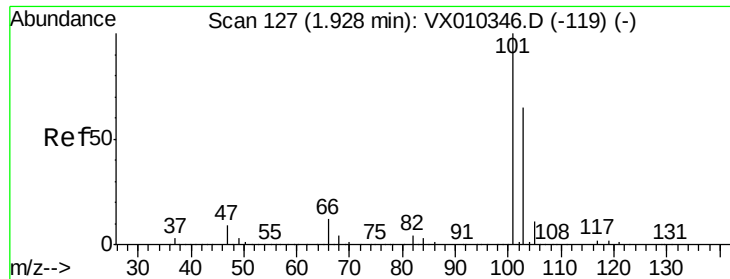
66 32.9 26.6 40.0



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

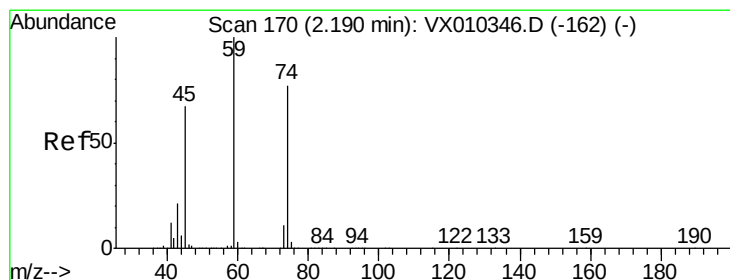
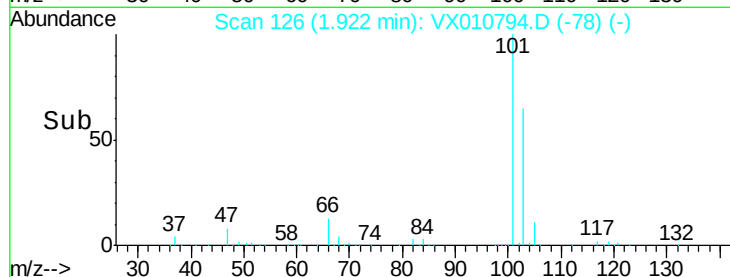
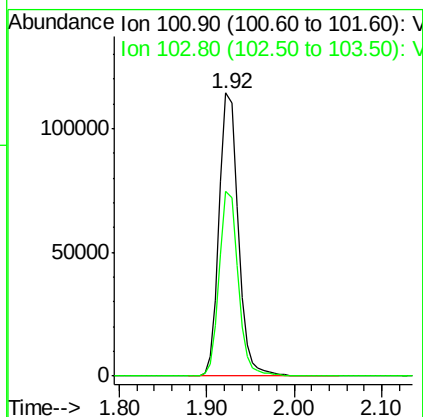
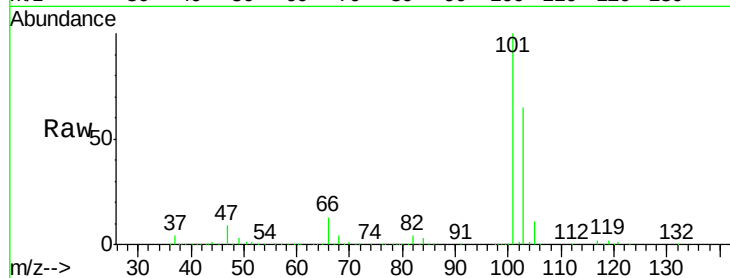
Trichlorofluoromethane
Concen: 52.425 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

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VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.3	78.5

Manual Integrations
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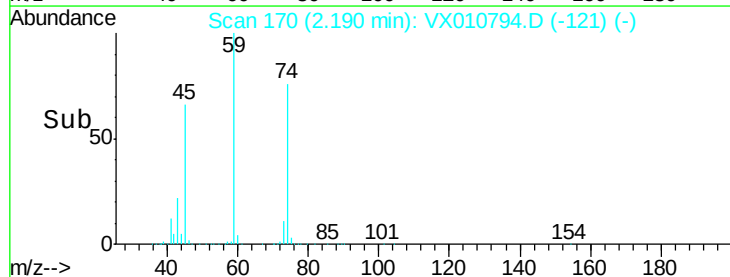
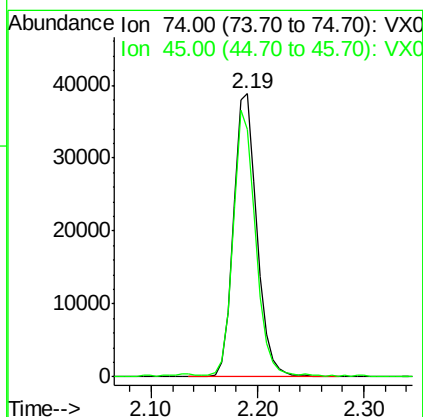
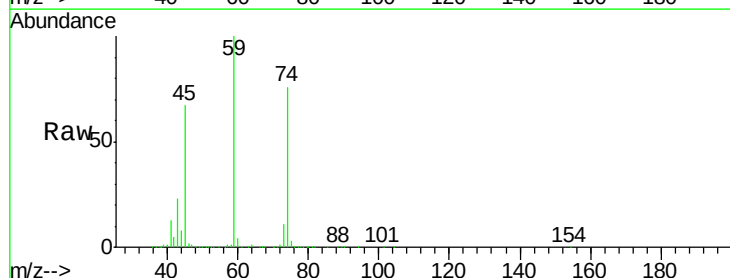
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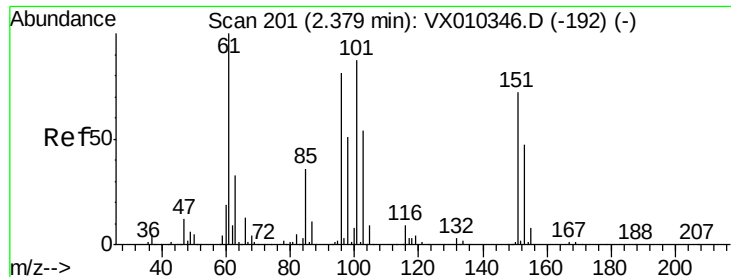


#8

Diethyl Ether
Concen: 50.851 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX010794.D
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Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	44.8	134.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.710 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

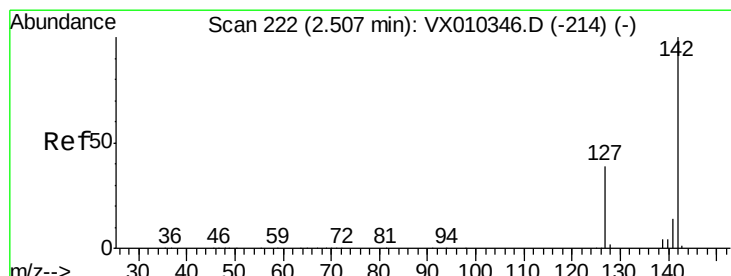
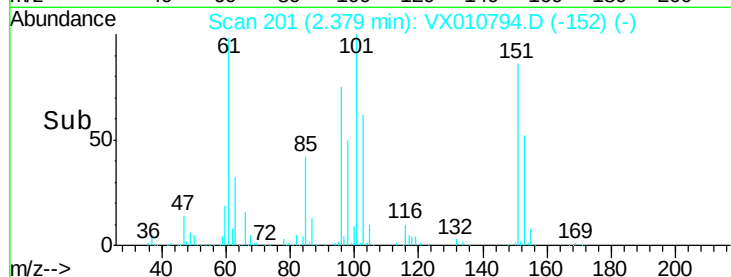
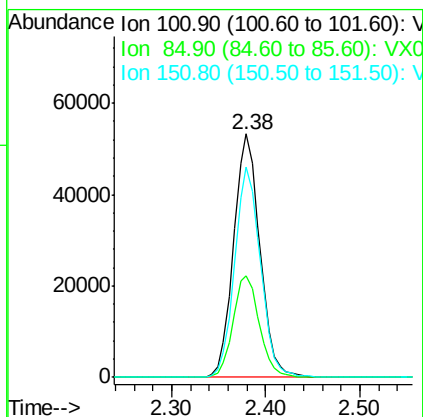
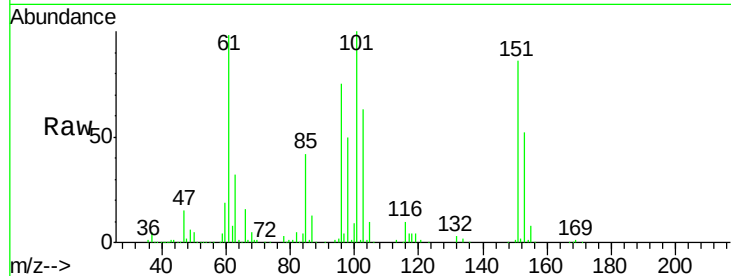
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	102983
Ion Ratio	Lower	Upper	
101	100		
85	42.0	33.7	50.5
151	85.5	70.1	105.1

Manual Integrations
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#10

Methyl Iodide

Concen: 46.927 ug/l

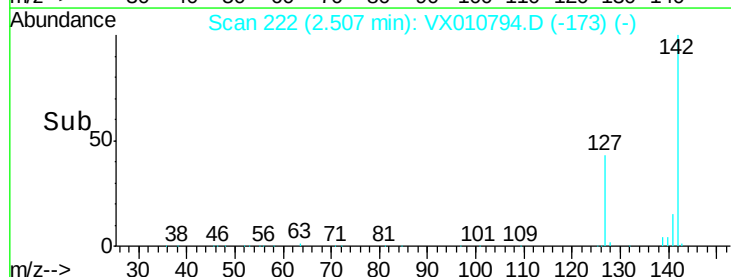
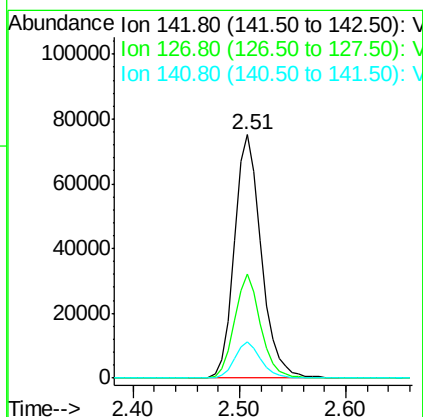
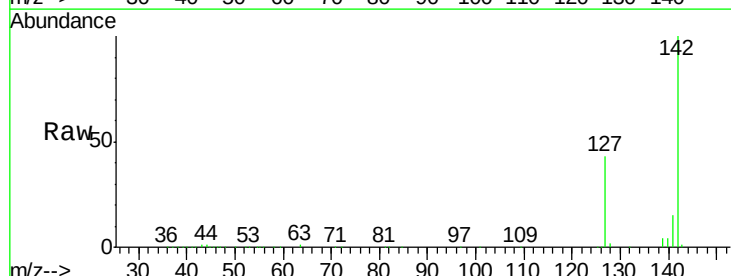
RT: 2.51 min Scan# 222

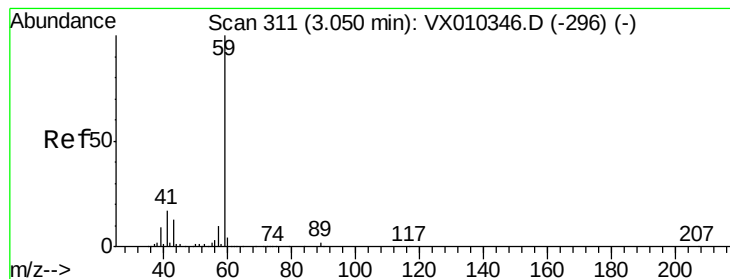
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion:	142	Resp:	133379
Ion Ratio	Lower	Upper	
142	100		
127	41.6	31.1	46.7
141	14.4	11.2	16.8





#11

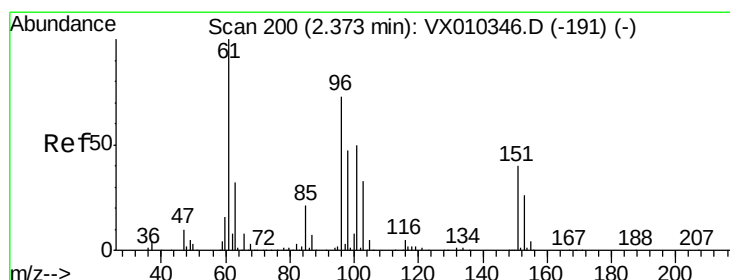
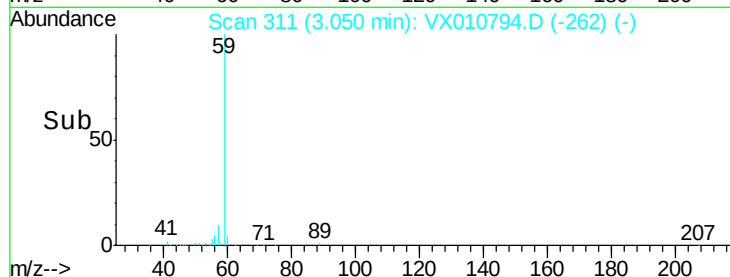
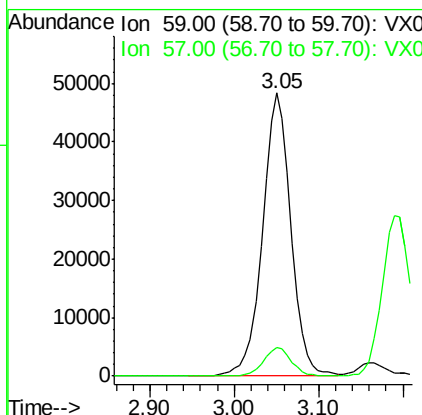
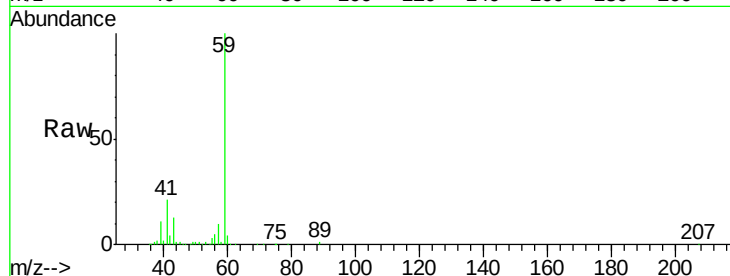
Tert butyl alcohol
Concen: 195.244 ug/l
RT: 3.05 min Scan# 311
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	59	57	Ratio	100	9.9	Resp	111993	Lower	Upper

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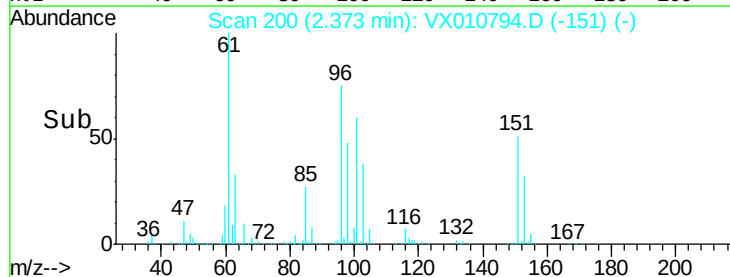
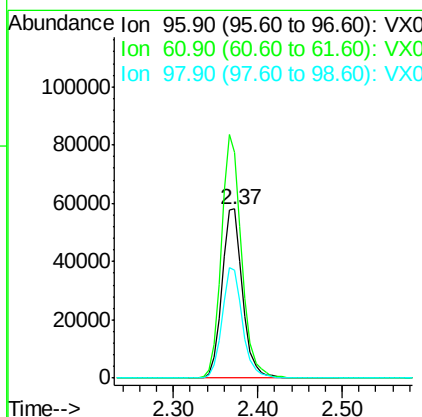
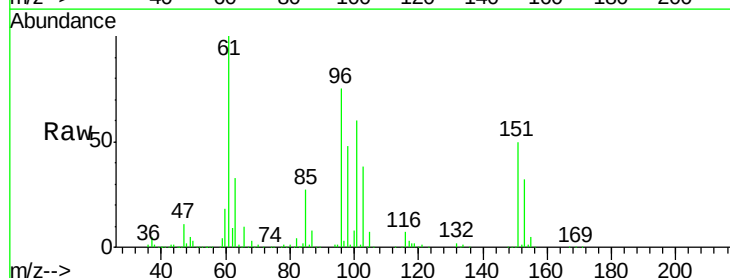
MMDadoda
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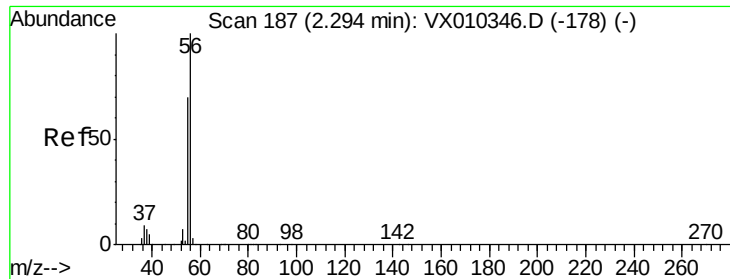


#12

1,1-Dichloroethene
Concen: 48.243 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	96	61	98	Ratio	100	133.9	63.8	Resp	97767	Lower	Upper





#13

Acrolein

Concen: 186.994 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 71154

Ion Ratio Lower Upper

56 100

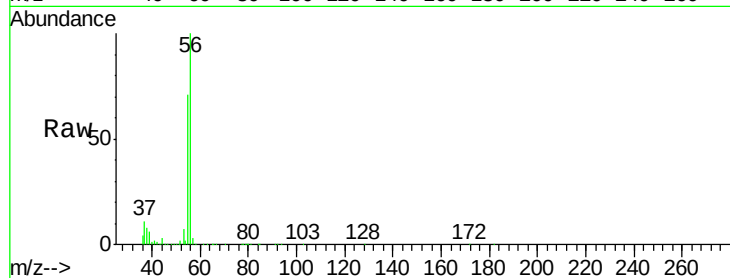
55 69.1 56.9 85.3

Manual Integrations

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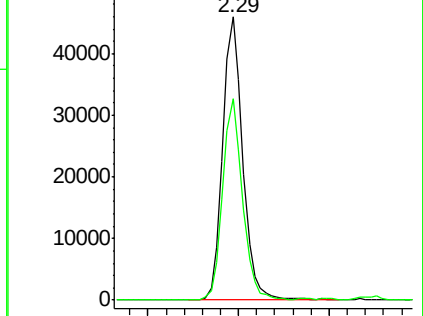
MMDadoda

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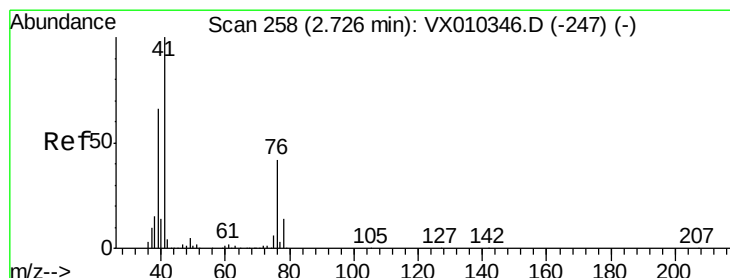
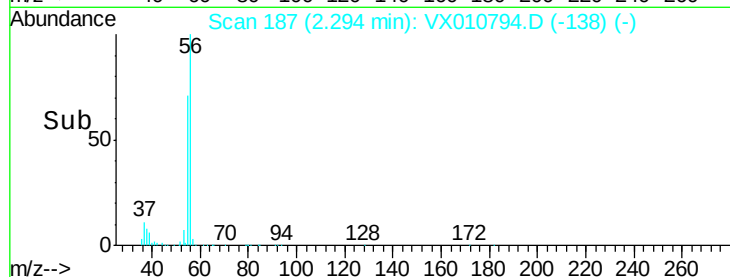


Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



Time-->



#14

Allyl chloride

Concen: 48.972 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

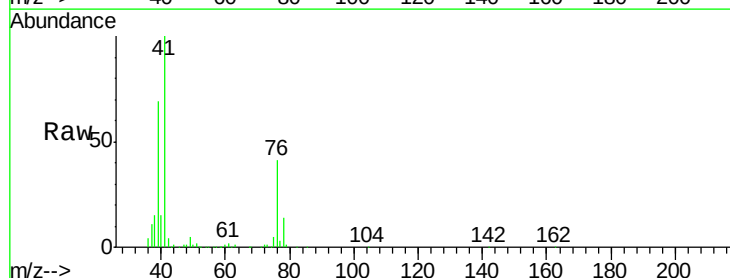
Tgt Ion: 41 Resp: 140896

Ion Ratio Lower Upper

41 100

39 64.4 50.3 75.5

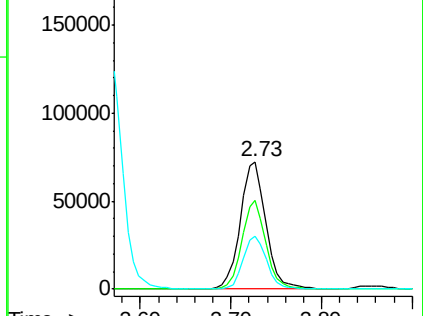
76 38.6 31.3 46.9



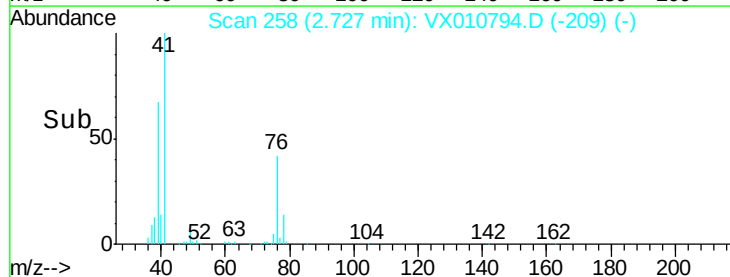
Abundance Ion 41.00 (40.70 to 41.70): VX0

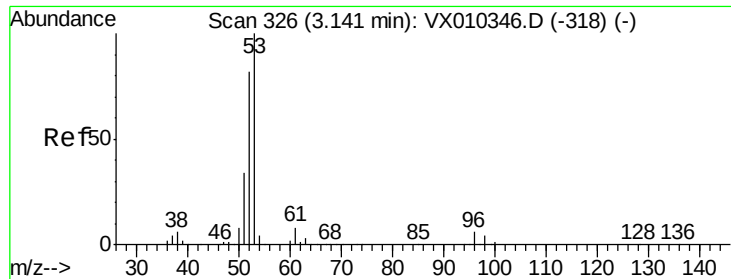
Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0



Time-->





#15

Acrylonitrile

Concen: 242.882 ug/l

RT: 3.14 min Scan# 326

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

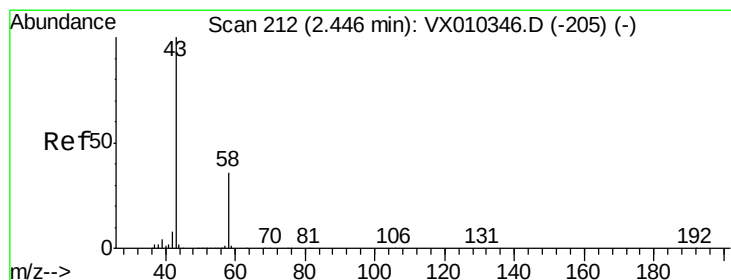
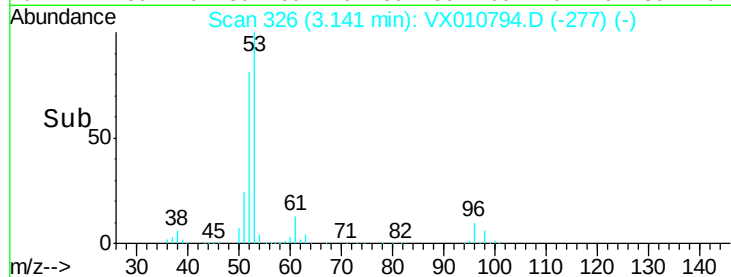
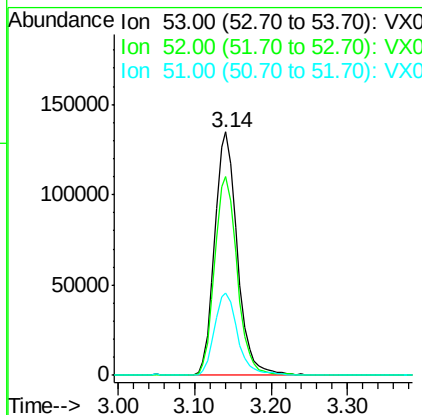
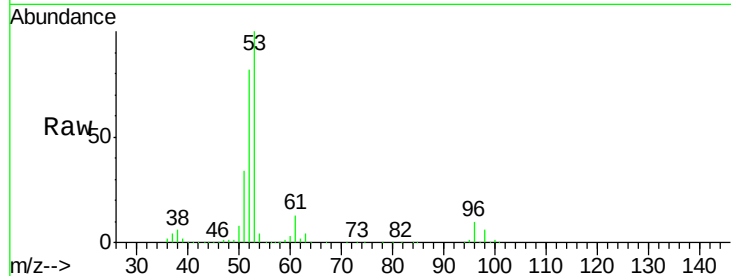
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	275835
Ion Ratio	Lower	Upper	
53	100		
52	81.6	65.5	98.3
51	34.7	28.2	42.4

Manual Integrations
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#16

Acetone

Concen: 268.417 ug/l

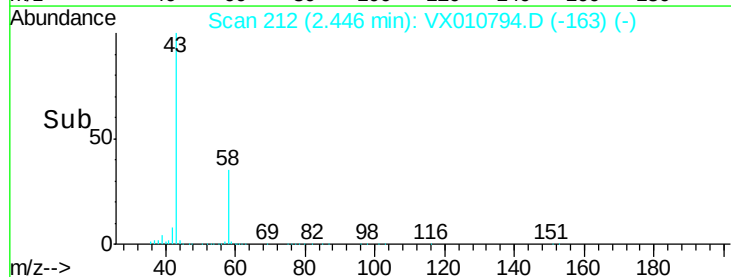
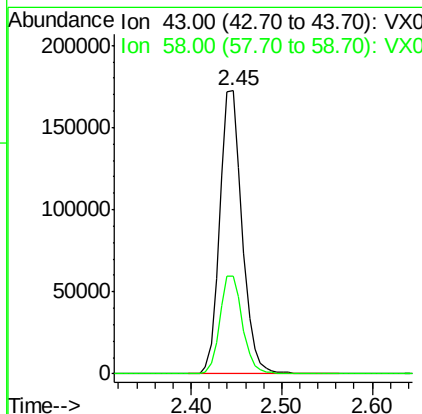
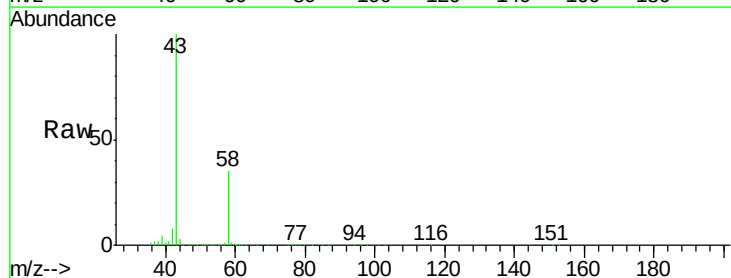
RT: 2.45 min Scan# 212

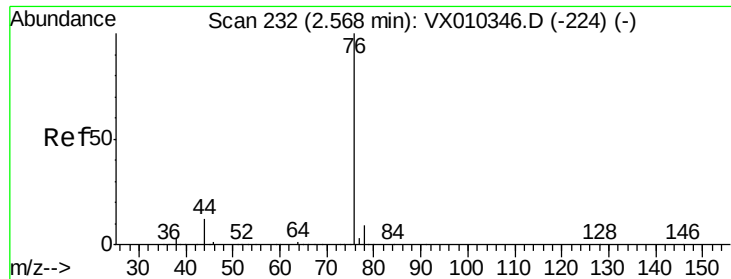
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion:	43	Resp:	294889
Ion Ratio	Lower	Upper	
43	100		
58	34.7	28.9	43.3





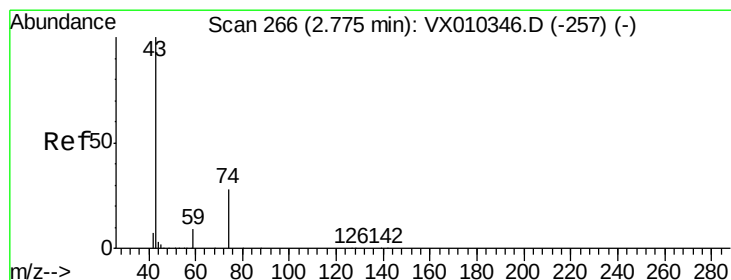
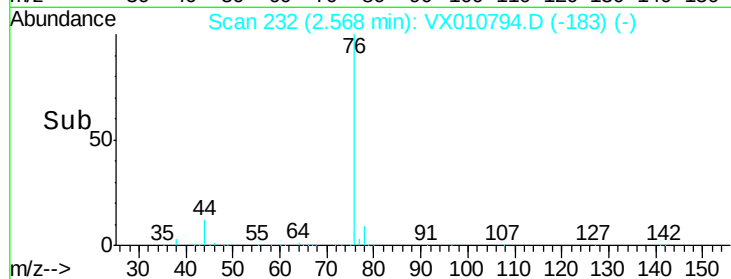
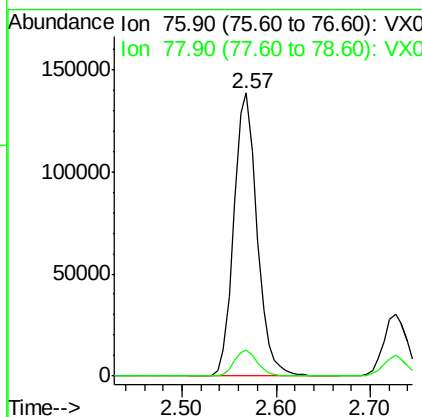
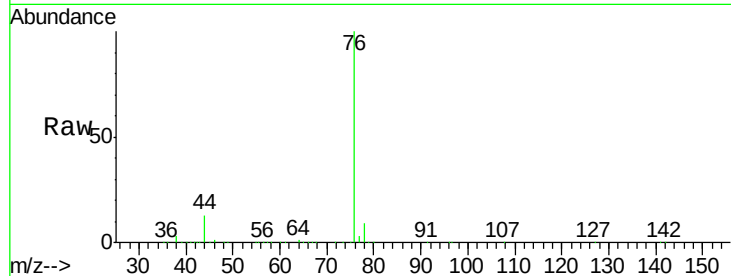
#17
Carbon Disulfide
Concen: 43.788 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.2	7.3	10.9

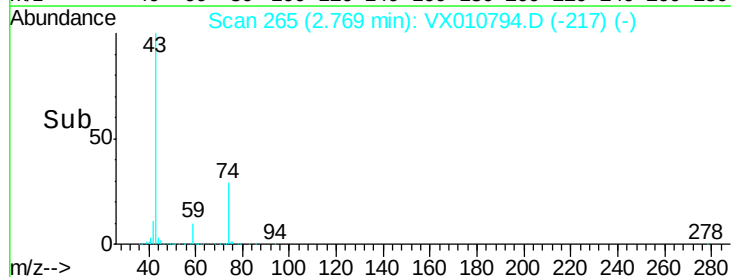
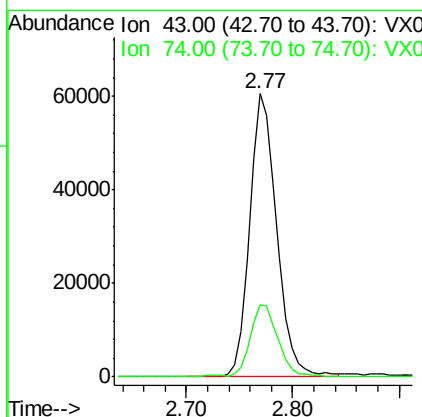
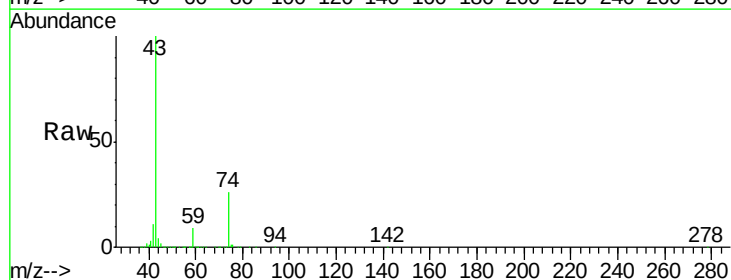
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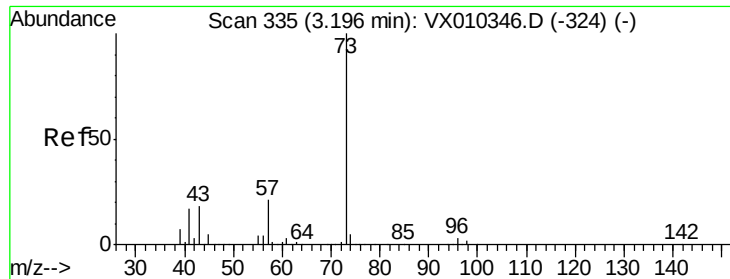
MMDadoda
7/12/2019 12:22:07 PM



#18
Methyl Acetate
Concen: 49.372 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
43	100		
74	26.6	21.3	31.9





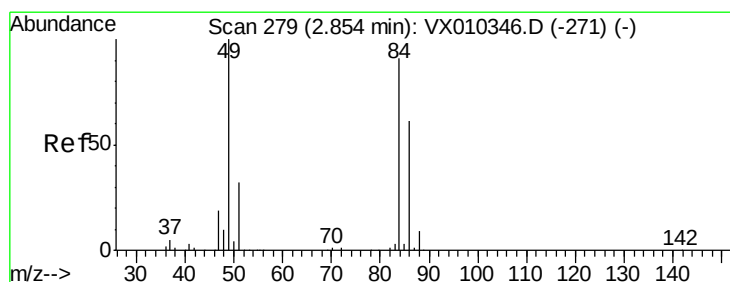
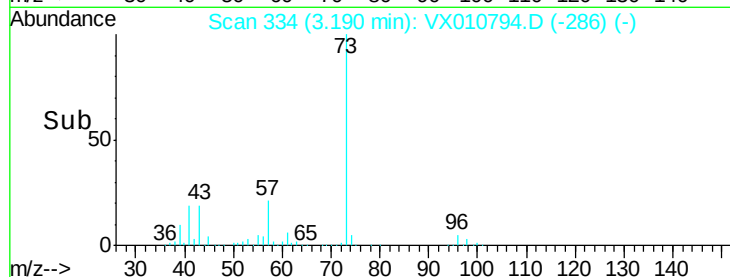
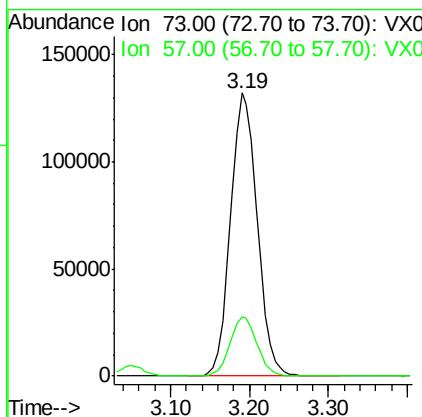
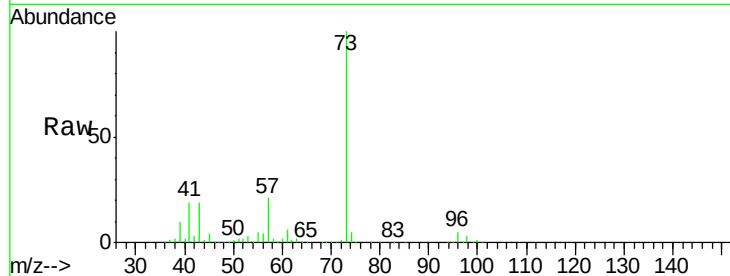
#19
Methyl tert-butyl Ether
Concen: 48.716 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion: 73 Resp: 310582
Ion Ratio Lower Upper
73 100
57 20.8 16.4 24.6

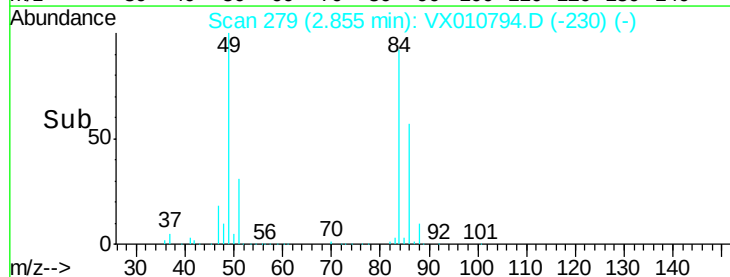
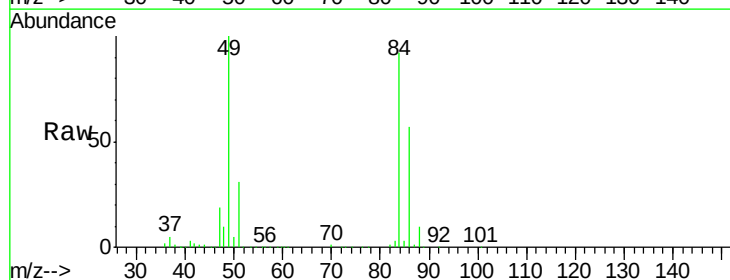
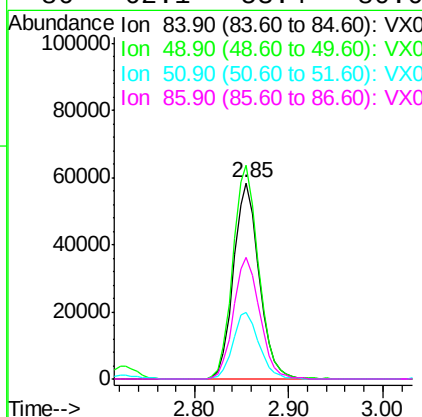
Manual Integrations
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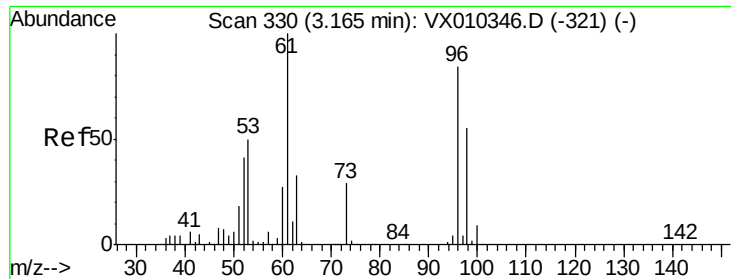
MMDadoda
7/12/2019 12:22:07 PM



#20
Methylene Chloride
Concen: 48.889 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion: 84 Resp: 110533
Ion Ratio Lower Upper
84 100
49 108.7 87.5 131.3
51 34.0 27.7 41.5
86 62.1 53.4 80.0





#21

trans-1,2-Dichloroethene

Concen: 47.651 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

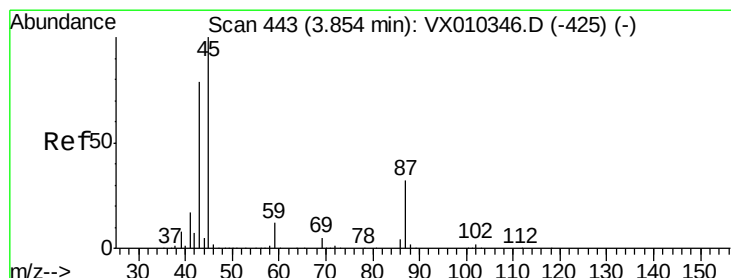
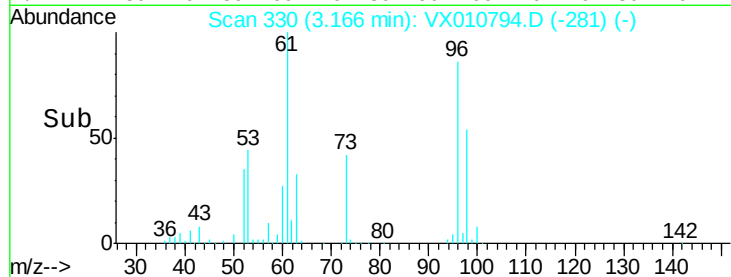
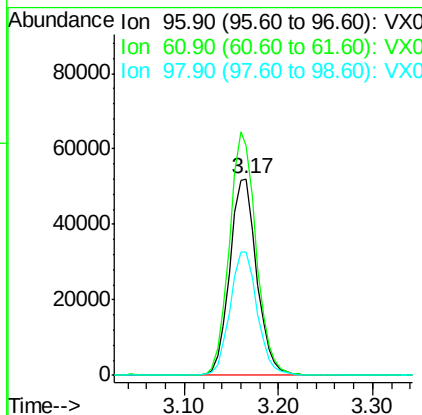
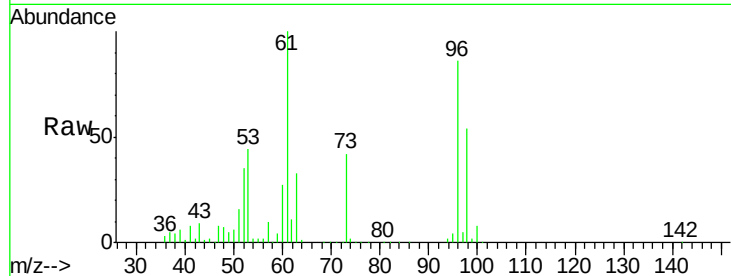
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	103858
Ion	Ratio	Lower	Upper
96	100		
61	116.6	95.6	143.4
98	62.5	52.5	78.7

Manual Integrations
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#22

Diisopropyl ether

Concen: 49.759 ug/l

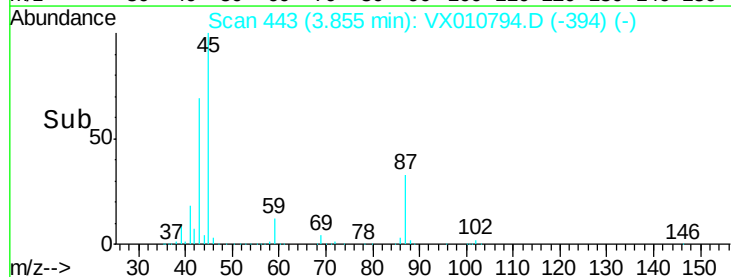
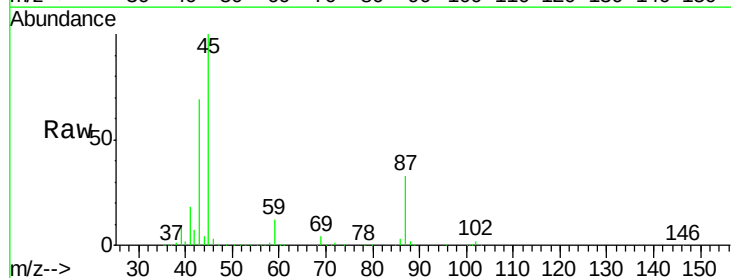
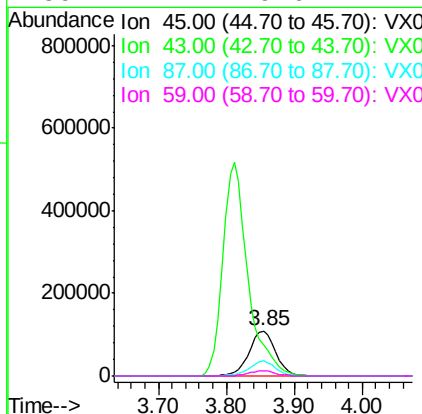
RT: 3.85 min Scan# 443

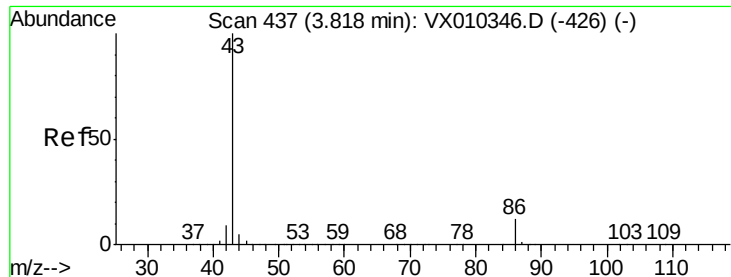
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion:	45	Resp:	299320
Ion	Ratio	Lower	Upper
45	100		
43	69.1	63.3	94.9
87	33.5	25.8	38.8
59	12.1	9.6	14.4





#23

Vinyl Acetate

Concen: 254.170 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.01 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1320826

Ion Ratio Lower Upper

43 100

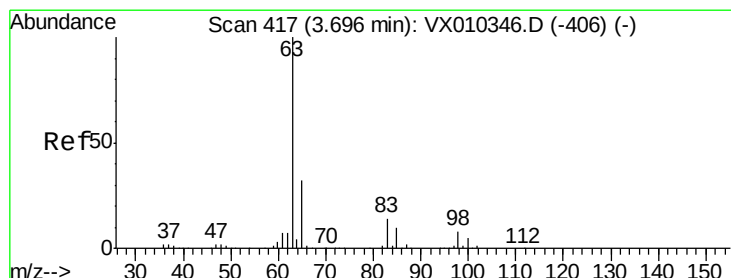
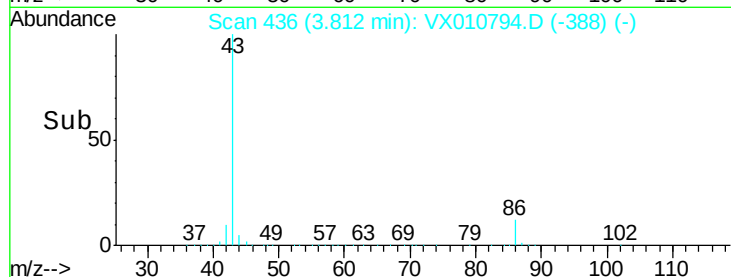
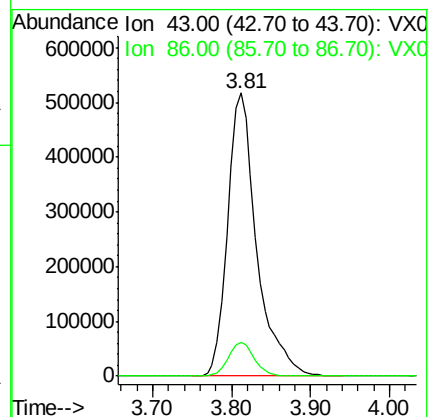
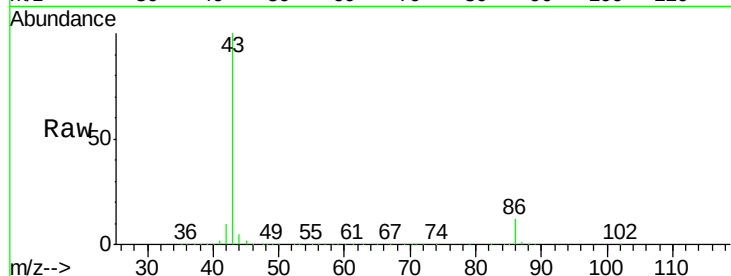
86 12.0 9.9 14.9

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.071 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

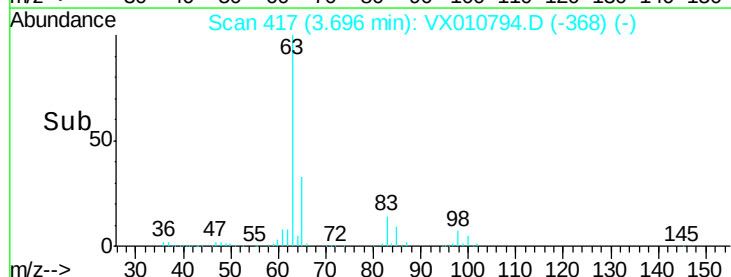
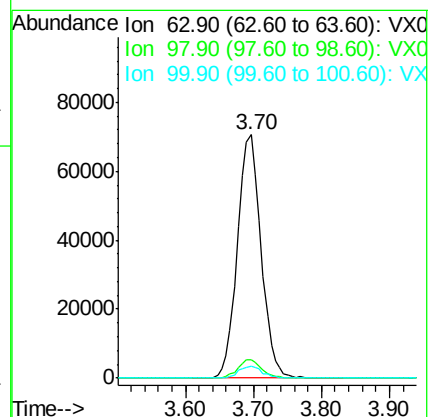
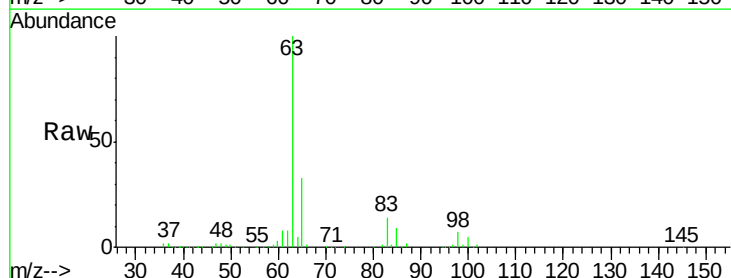
Tgt Ion: 63 Resp: 170623

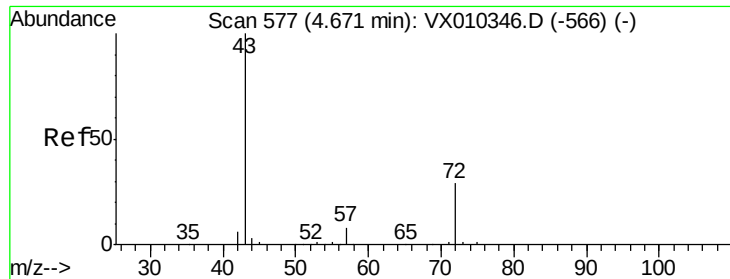
Ion Ratio Lower Upper

63 100

98 7.4 3.9 11.7

100 5.0 2.4 7.1





#25

2-Butanone

Concen: 251.015 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 404521

Ion Ratio Lower Upper

43 100

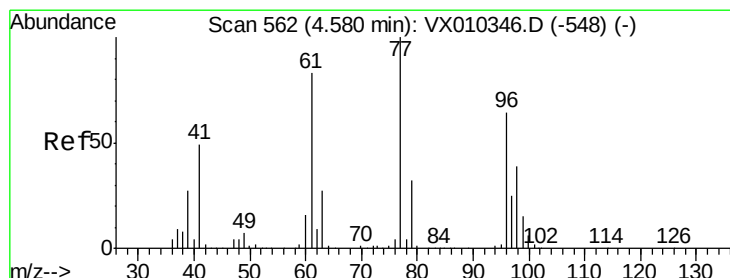
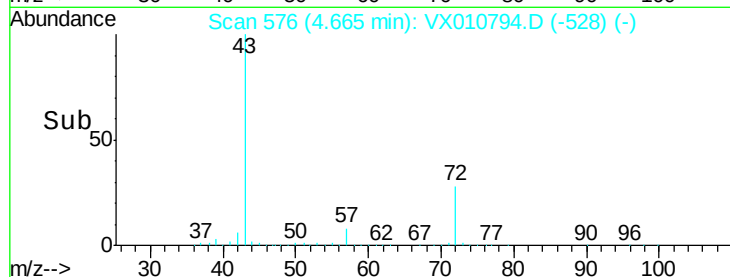
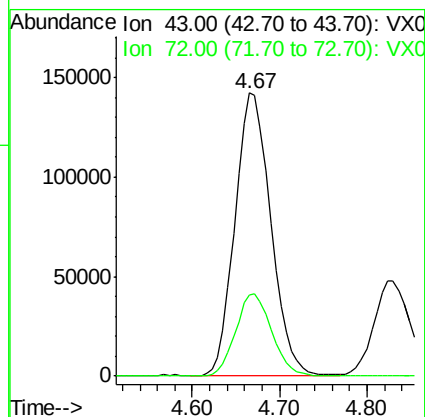
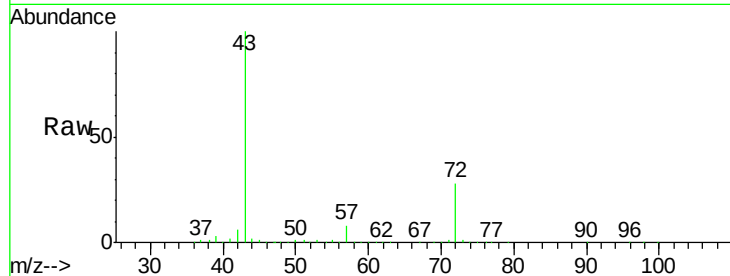
72 28.4 23.3 34.9

Manual Integrations

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MMDadoda

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#26

2,2-Dichloropropane

Concen: 47.230 ug/l

RT: 4.57 min Scan# 561

Delta R.T. -0.01 min

Lab File: VX010794.D

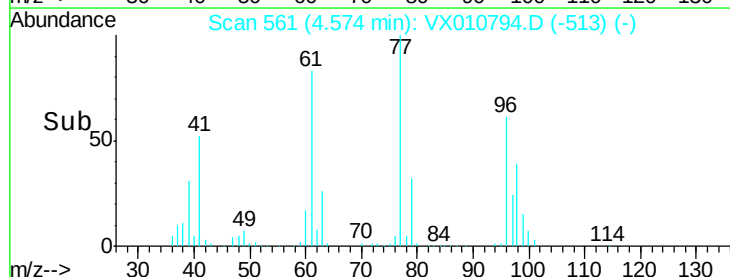
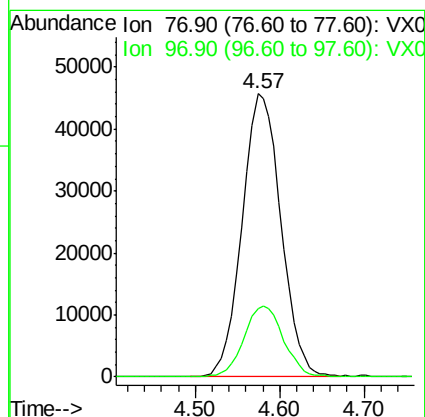
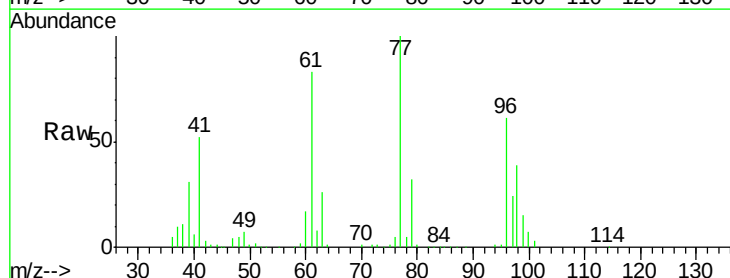
Acq: 11 Jul 2019 09:48

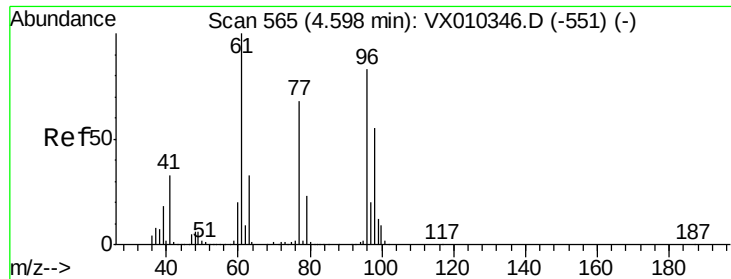
Tgt Ion: 77 Resp: 142660

Ion Ratio Lower Upper

77 100

97 25.5 13.1 39.3





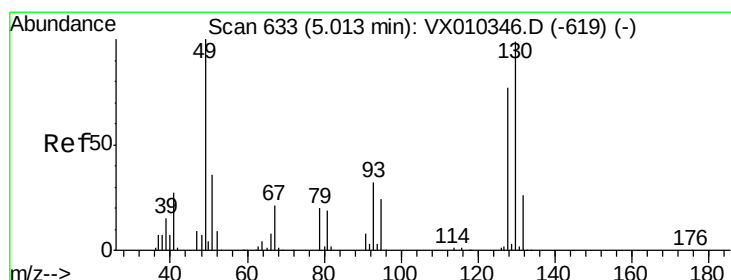
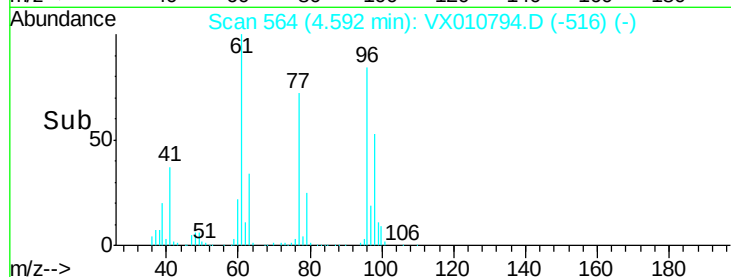
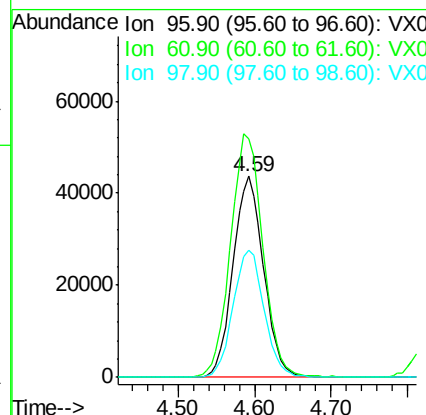
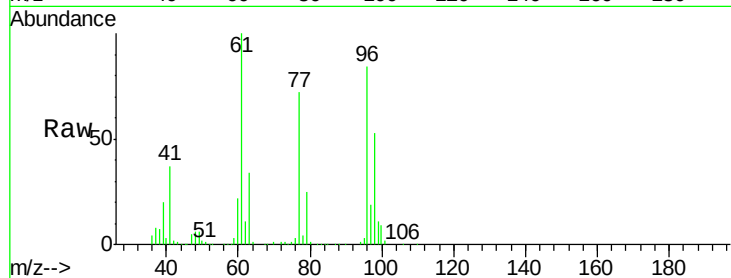
#27
 cis-1,2-Dichloroethene
 Concen: 48.092 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
96	100	121127		
61	128.2	0.0	251.8	
98	64.1	0.0	129.4	

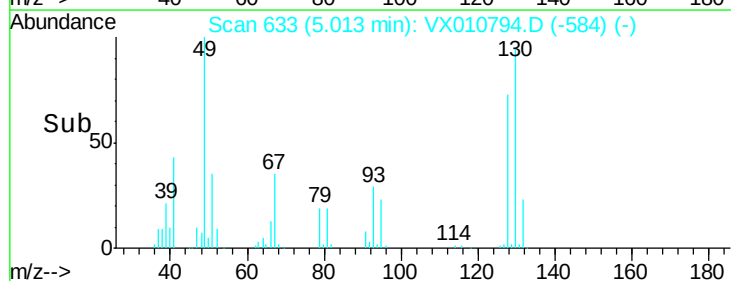
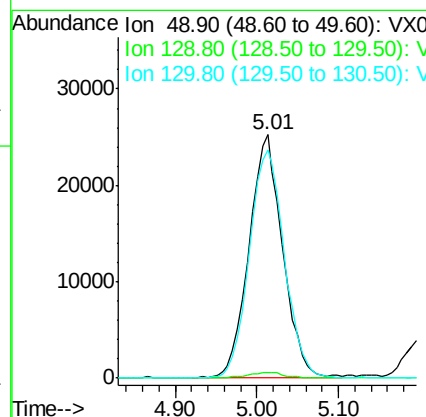
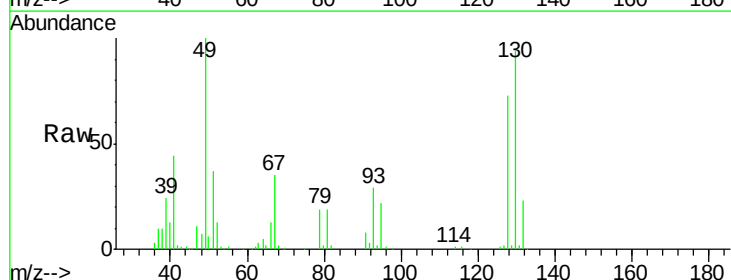
Manual Integrations
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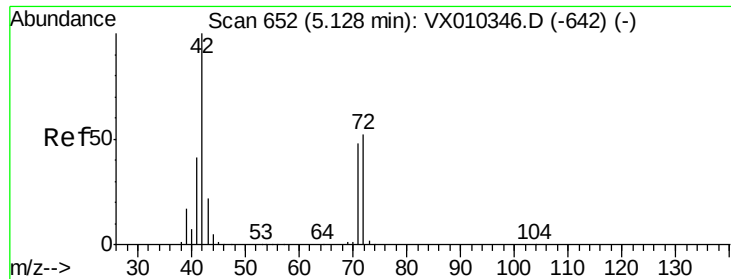
MMDadoda
 7/12/2019 12:22:07 PM



#28
 Bromochloromethane
 Concen: 43.711 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	72668		
129	2.7	0.0	5.6	
130	97.6	81.4	122.0	





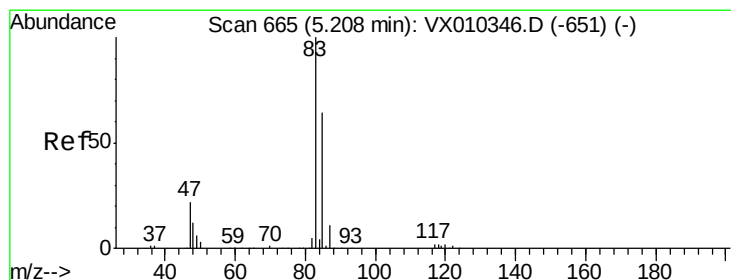
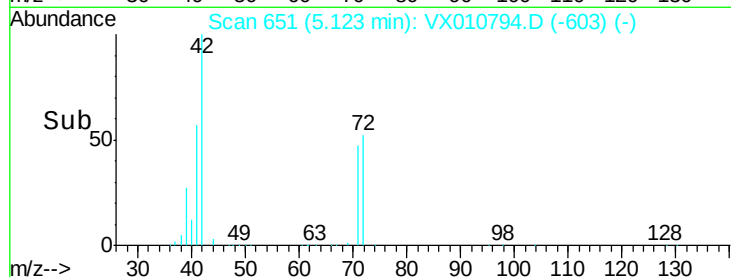
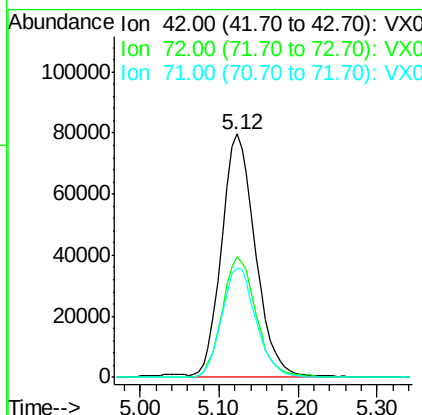
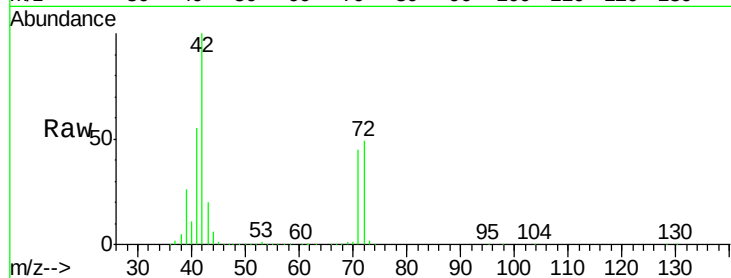
#29
Tetrahydrofuran
Concen: 236.821 ug/l
RT: 5.12 min Scan# 651
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	50.5	40.6	60.8
71	46.0	37.8	56.8

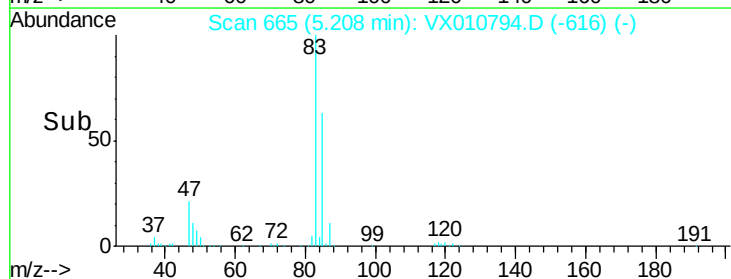
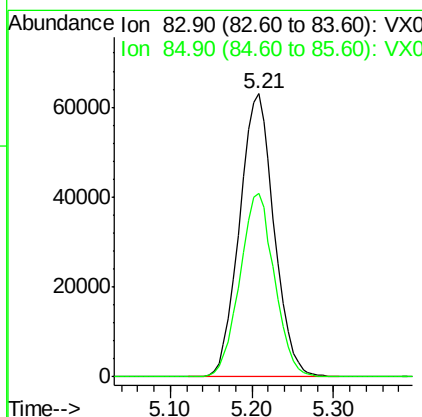
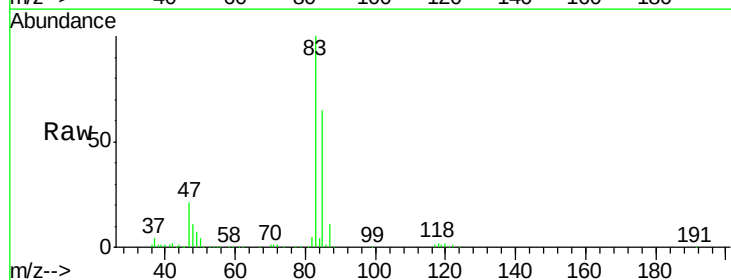
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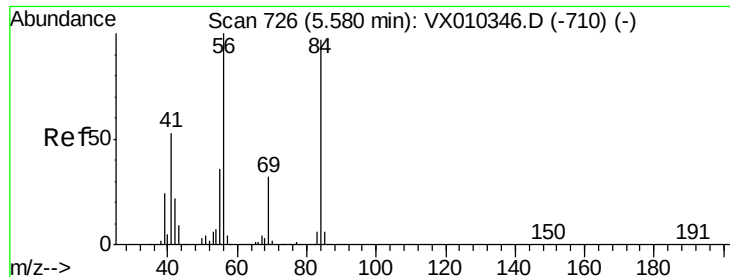
MMDadoda
7/12/2019 12:22:07 PM



#30
Chloroform
Concen: 49.554 ug/l
RT: 5.21 min Scan# 665
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	50.9	76.3





#31

Cyclohexane

Concen: 49.342 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

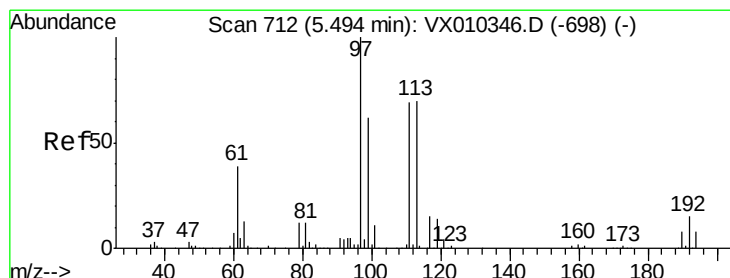
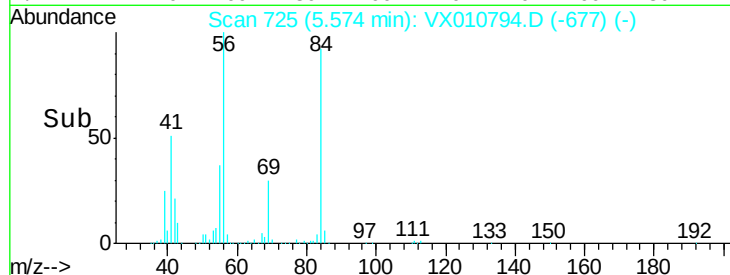
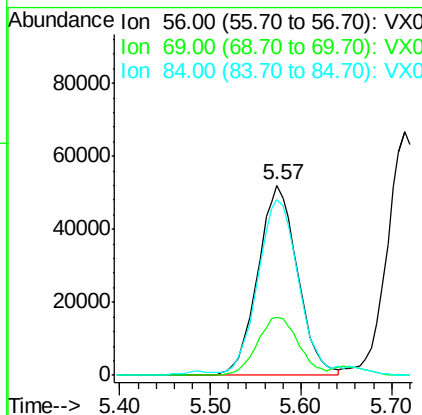
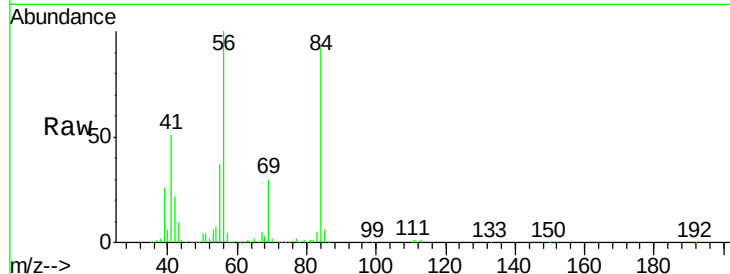
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.1	25.9	38.9
84	91.1	78.0	117.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.672 ug/l

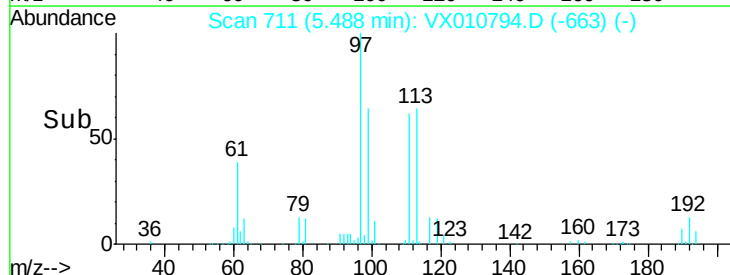
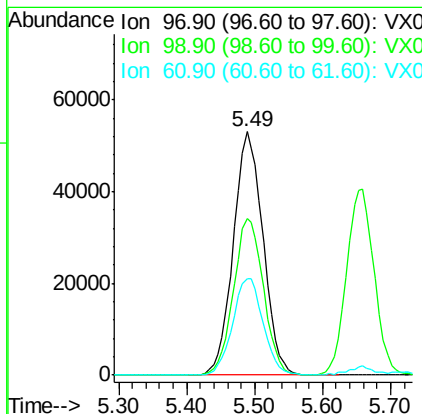
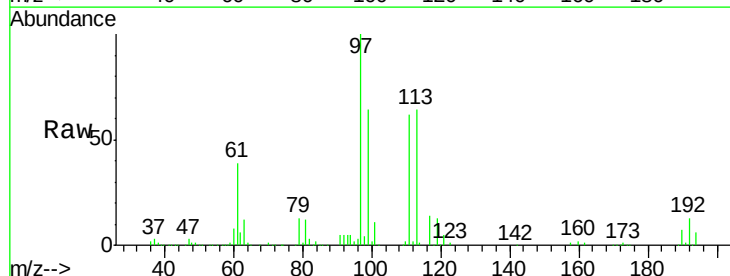
RT: 5.49 min Scan# 711

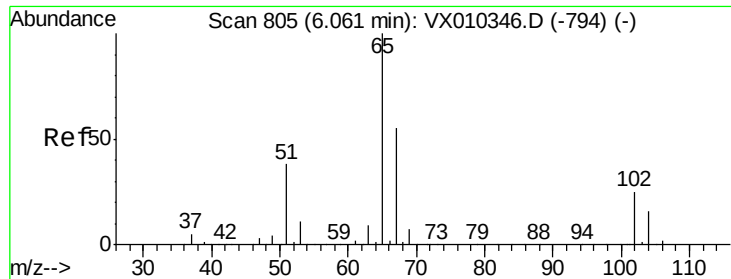
Delta R.T. -0.01 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.8	77.8
61	40.9	32.1	48.1





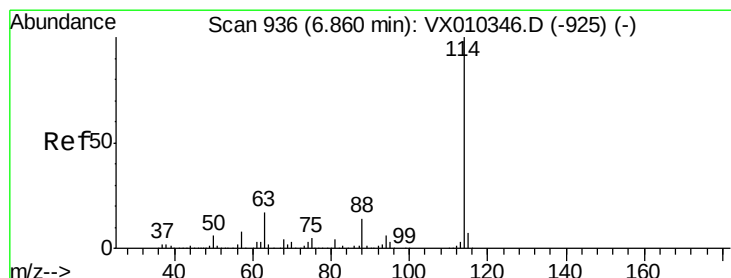
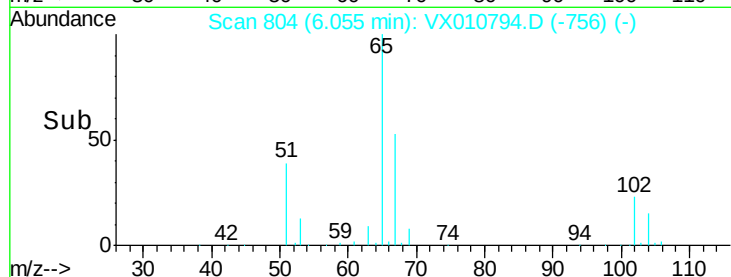
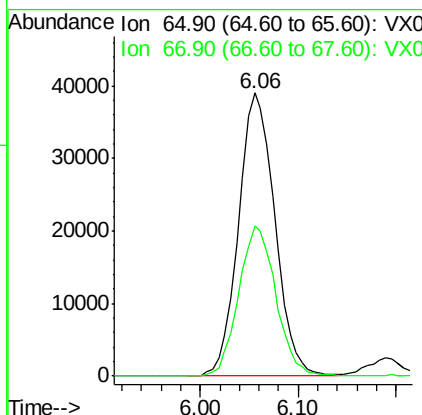
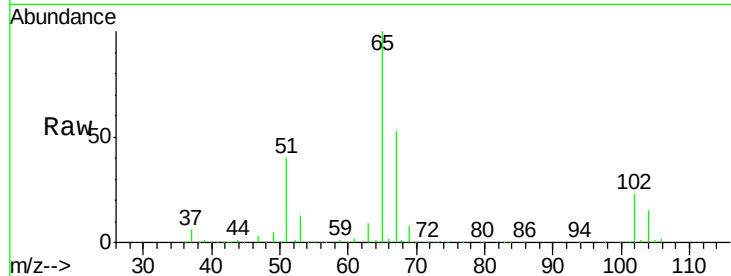
#33
 1,2-Dichloroethane-d4
 Concen: 45.983 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 100801
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 110.2

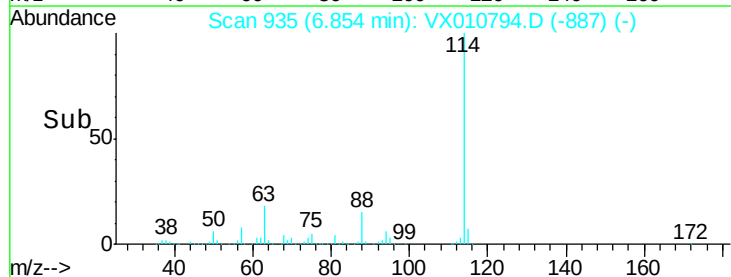
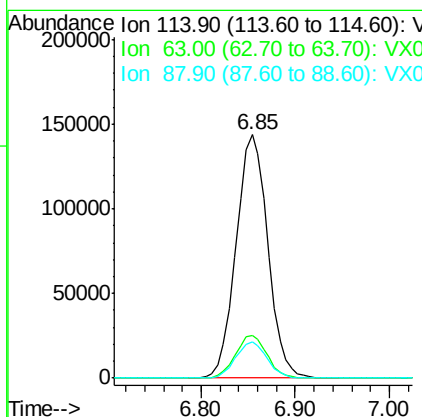
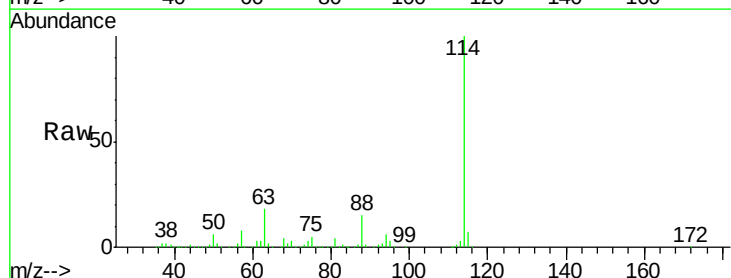
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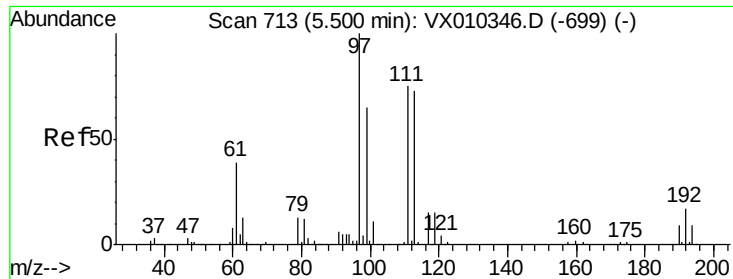
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion: 114 Resp: 338344
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 33.8
 88 14.8 0.0 27.6





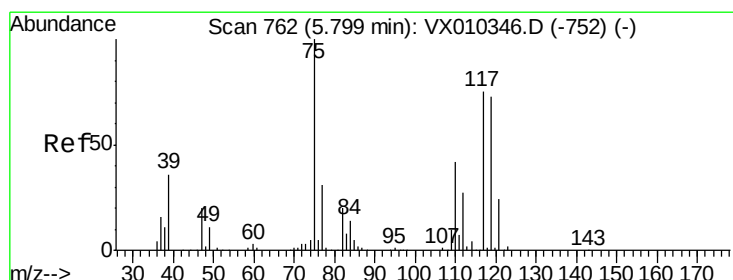
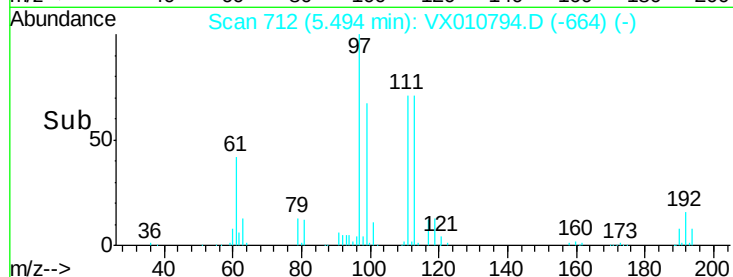
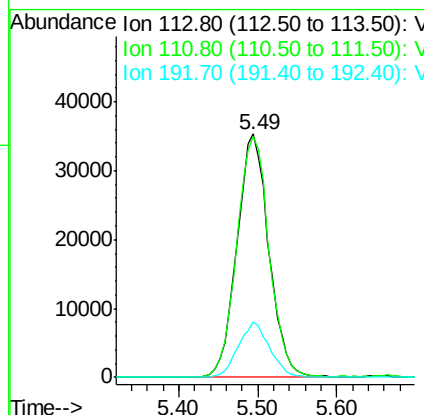
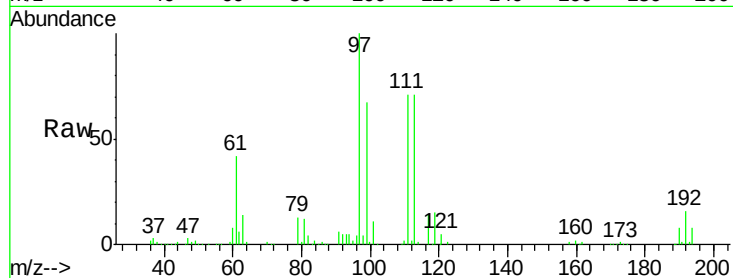
#35
Dibromofluoromethane
Concen: 47.990 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	100.5	81.2	121.8
192	22.3	18.6	27.8

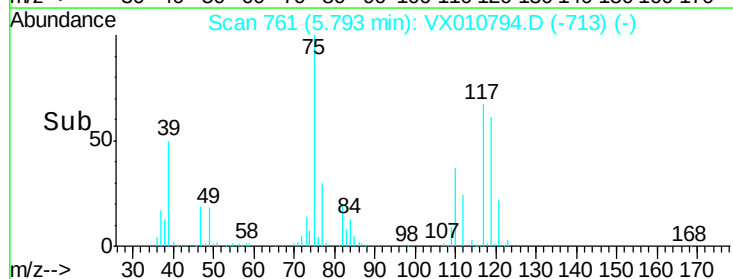
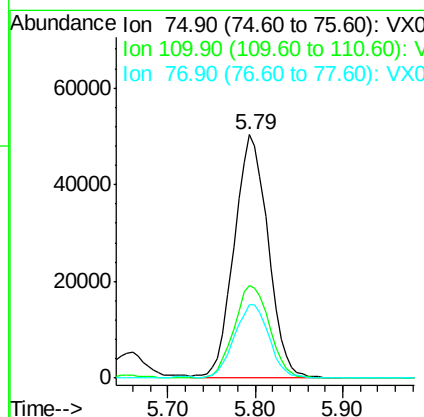
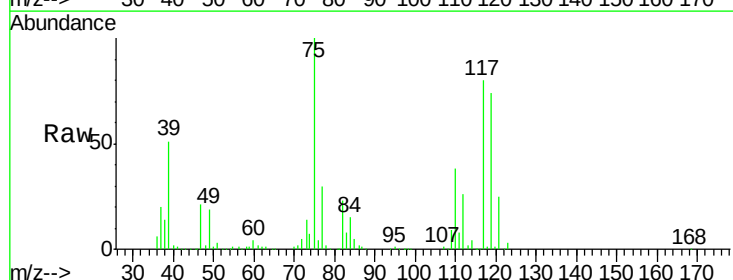
Manual Integrations
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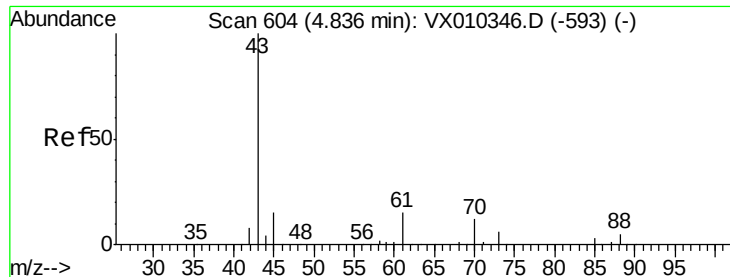
MMDadoda
7/12/2019 12:22:07 PM



#36
1,1-Dichloropropene
Concen: 50.252 ug/l
RT: 5.79 min Scan# 761
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
75	100		
110	40.0	20.8	62.2
77	31.0	25.4	38.0





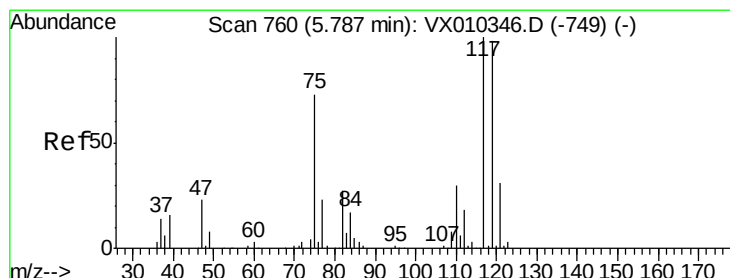
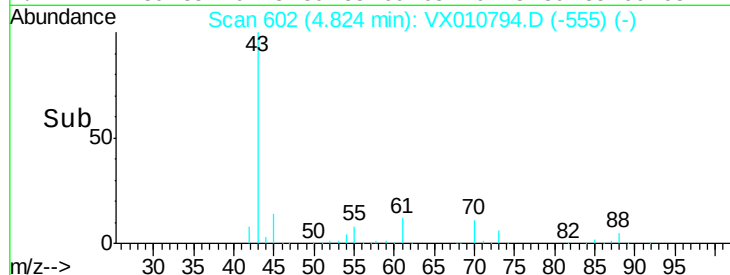
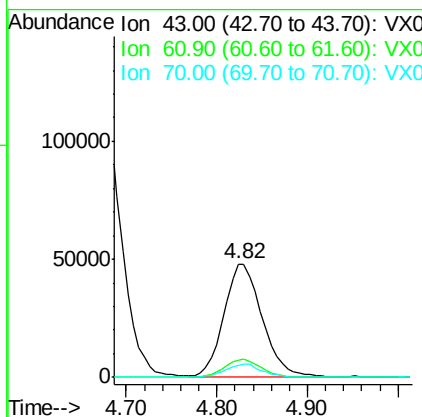
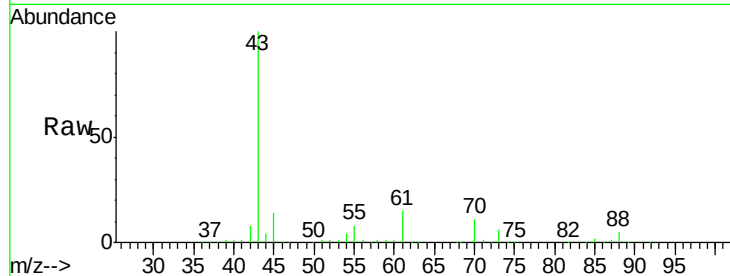
#37
Ethyl Acetate
Concen: 49.913 ug/l
RT: 4.82 min Scan# 602
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	138059
Ion	Ratio	Lower	Upper
43	100		
61	15.8	12.4	18.6
70	12.0	9.8	14.8

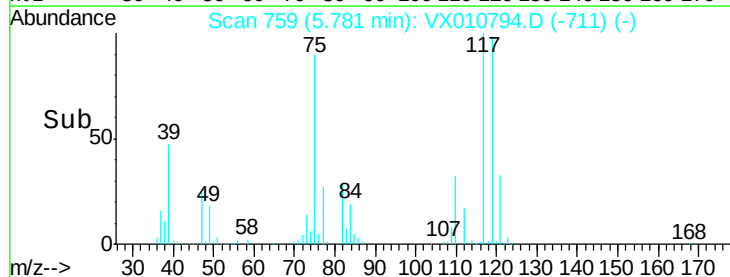
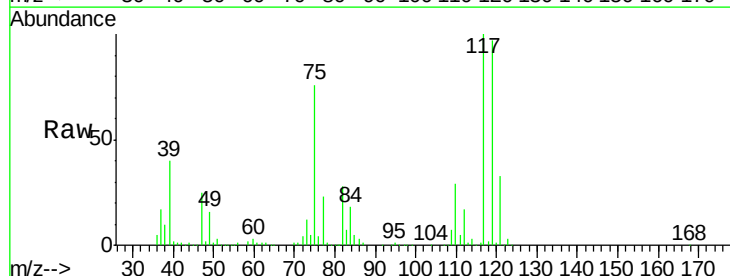
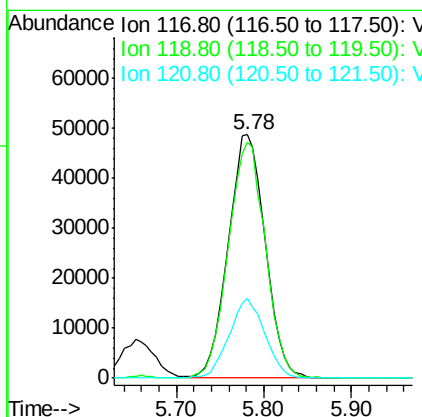
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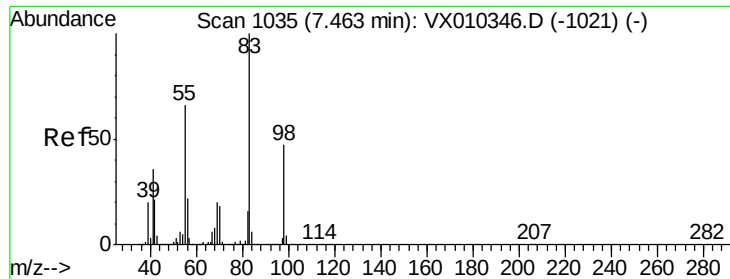
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.360 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion:	117	Resp:	143709
Ion	Ratio	Lower	Upper
117	100		
119	97.0	78.2	117.4
121	32.5	24.7	37.1





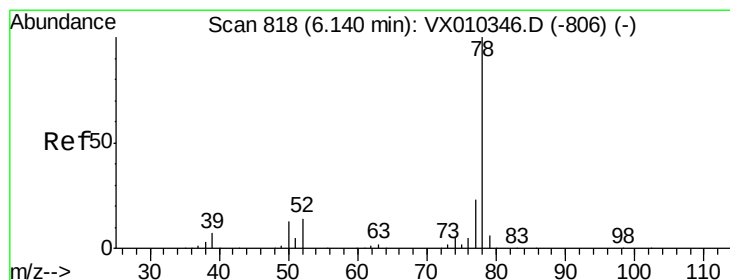
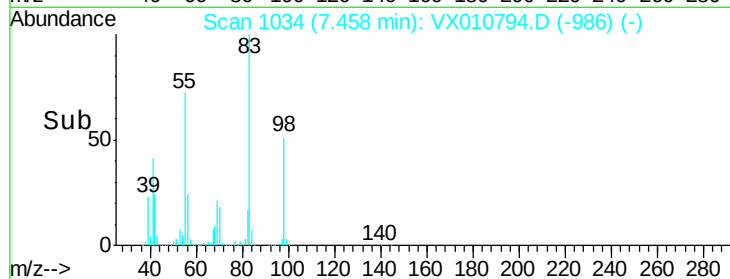
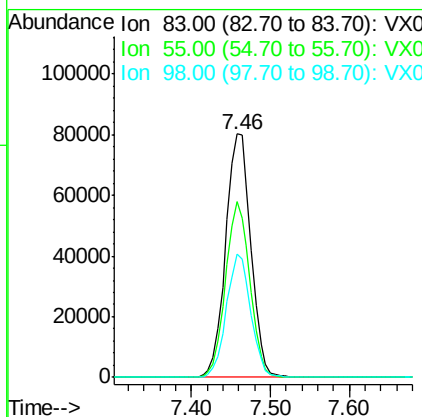
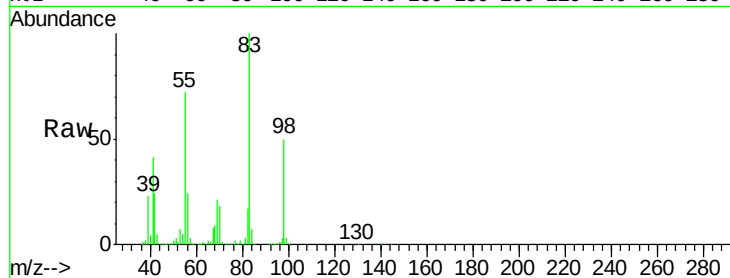
#39
Methylvlcyclohexane
Concen: 50.455 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	53.0	79.6
98	50.5	37.8	56.8

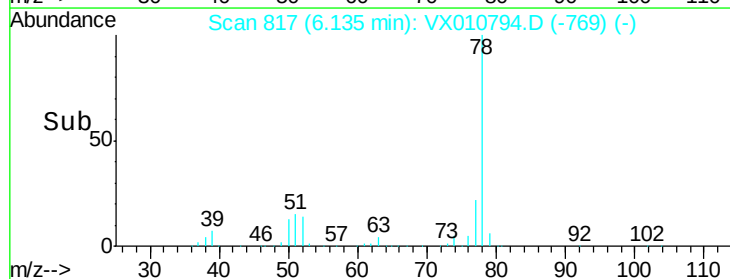
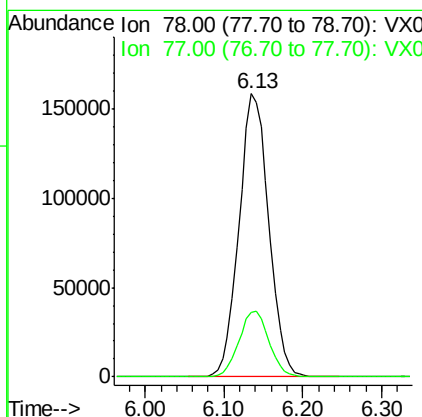
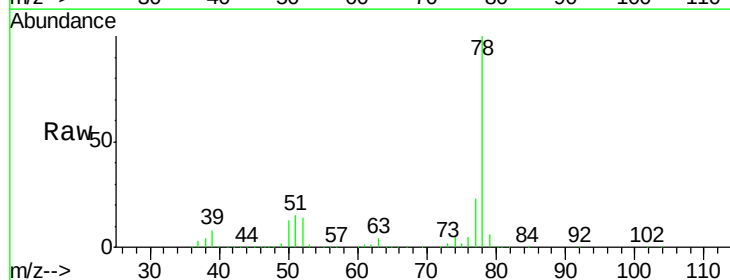
Manual Integrations
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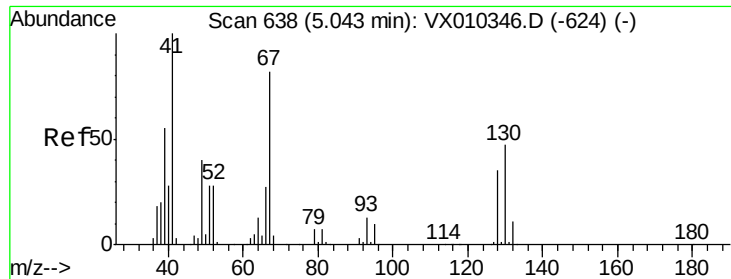
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#40
Benzene
Concen: 49.700 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.9	18.6	28.0





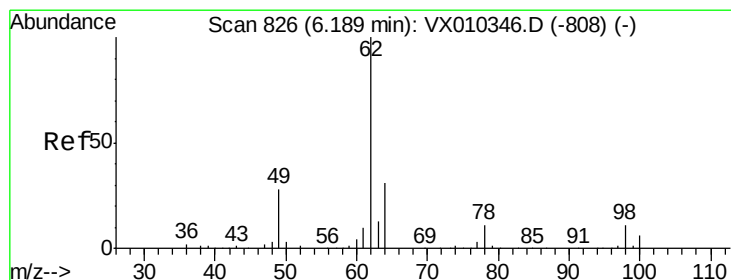
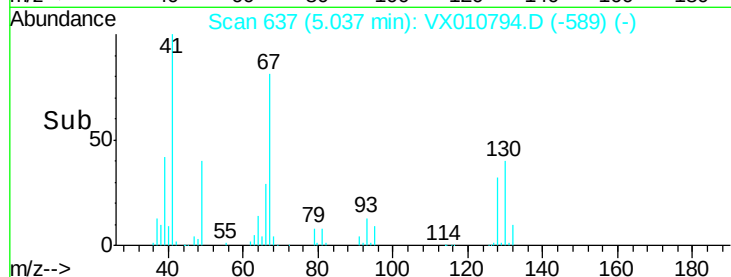
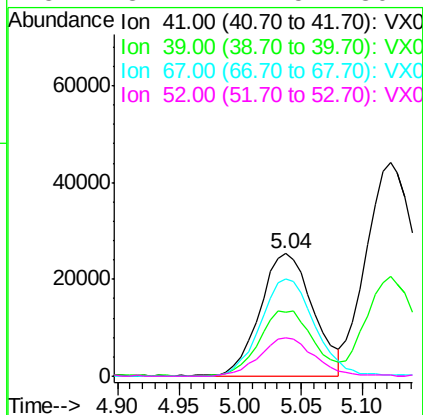
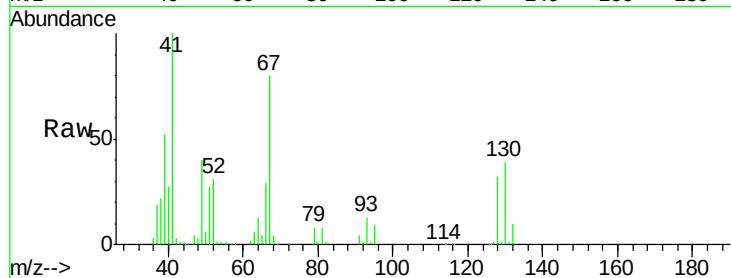
#41
Methacrylonitrile
Concen: 50.614 ug/l
RT: 5.04 min Scan# 637
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	54.3	43.8	65.8	
67	80.7	66.6	100.0	
52	31.7	24.5	36.7	

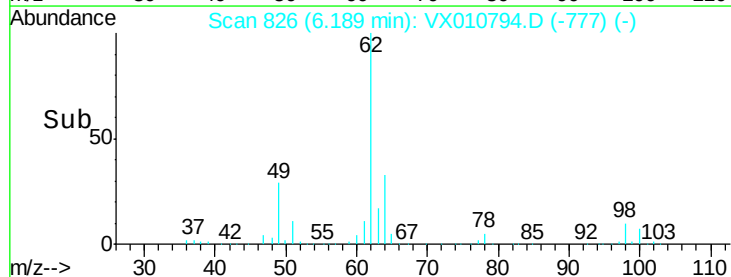
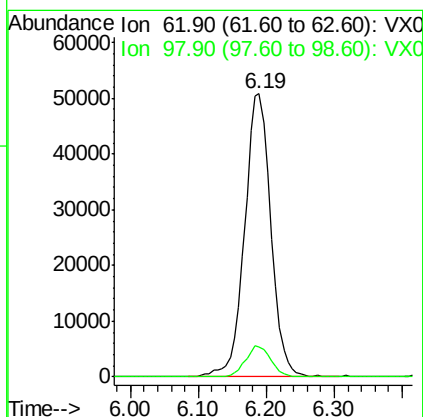
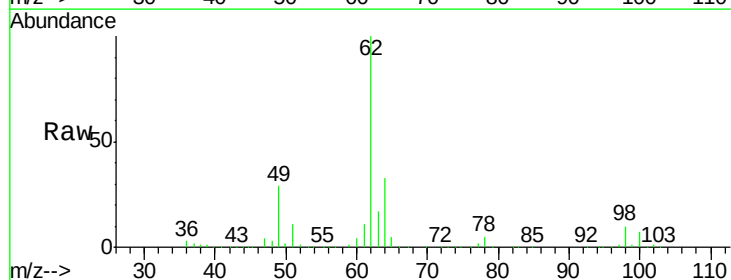
Manual Integrations
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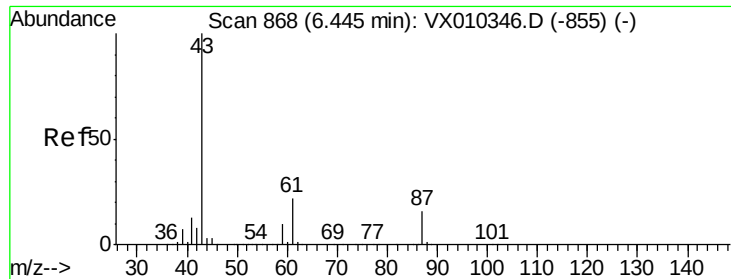
MMDadoda
7/12/2019 12:22:07 PM



#42
1,2-Dichloroethane
Concen: 53.162 ug/l
RT: 6.19 min Scan# 826
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	10.5	0.0	22.2	





#43

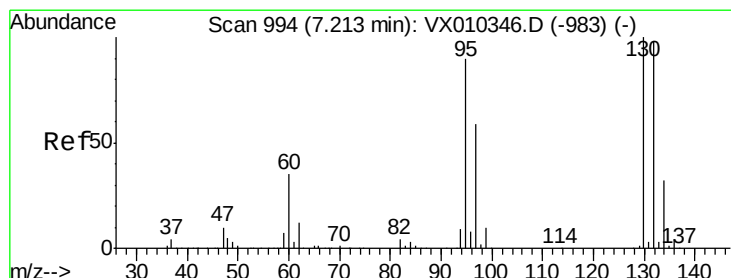
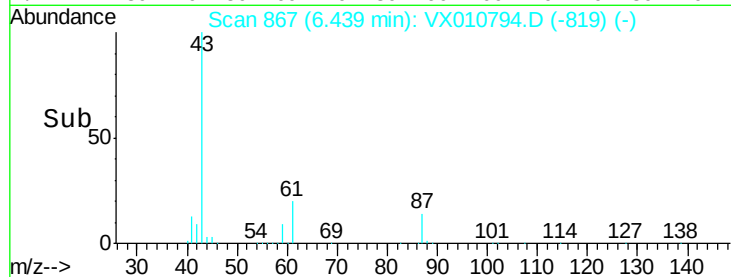
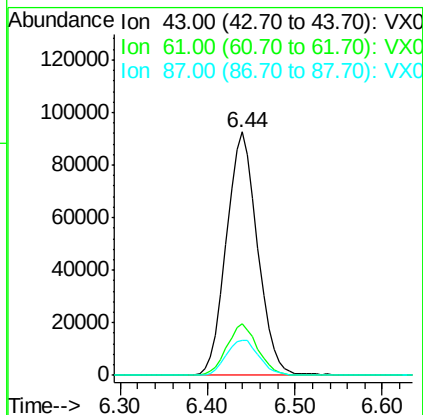
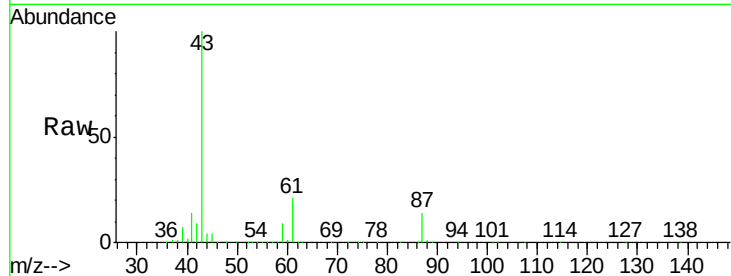
Isopropyl Acetate
 Concen: 49.907 ug/l
 RT: 6.44 min Scan# 867
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.1	17.8	26.6
87	15.4	13.0	19.4

Manual Integrations
 APPROVED

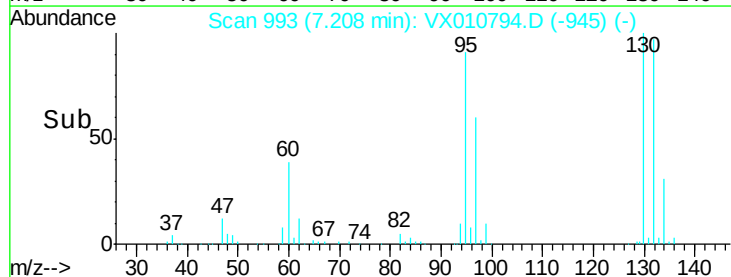
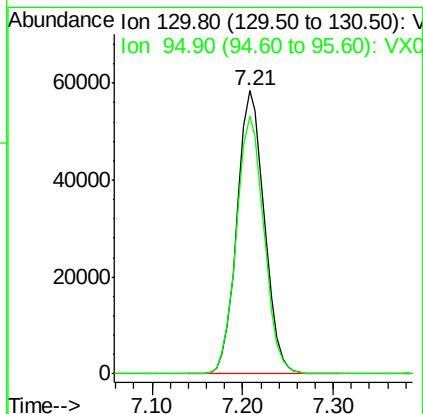
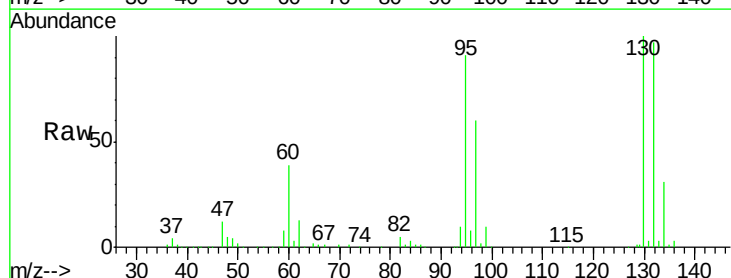
MMDadoda
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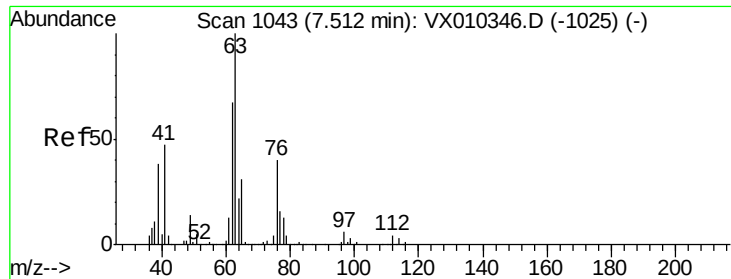


#44

Trichloroethene
 Concen: 48.962 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
130	100		
95	91.0	0.0	180.8





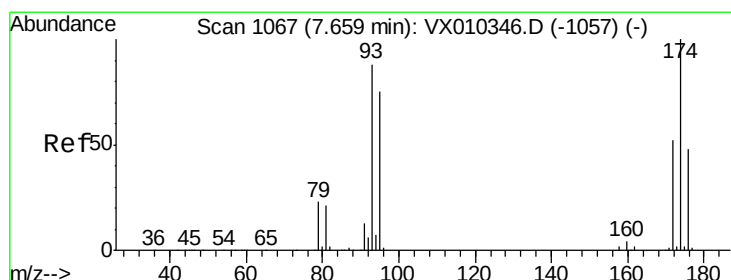
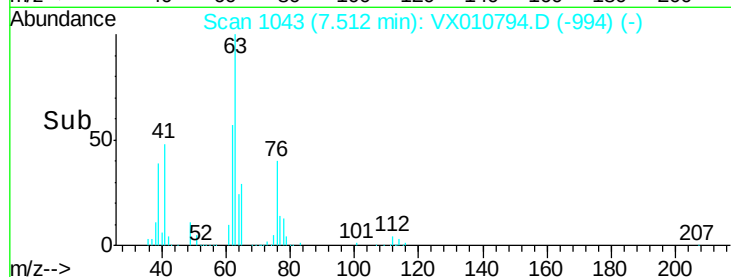
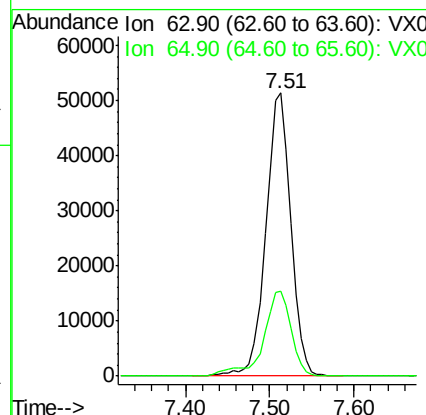
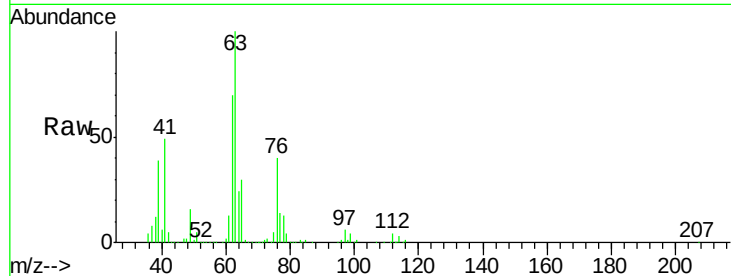
#45
 1,2-Dichloropropane
 Concen: 49.594 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 63 Resp: 104906
 Ion Ratio Lower Upper
 63 100
 65 30.1 24.8 37.2

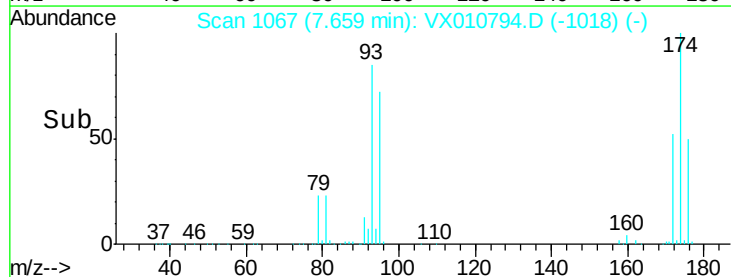
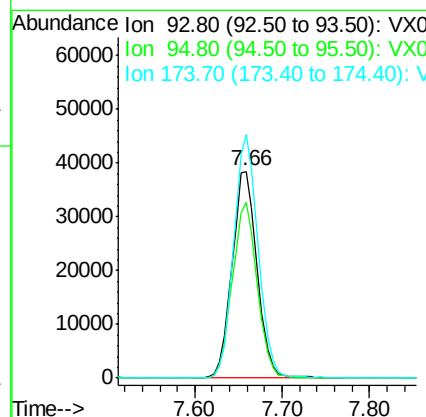
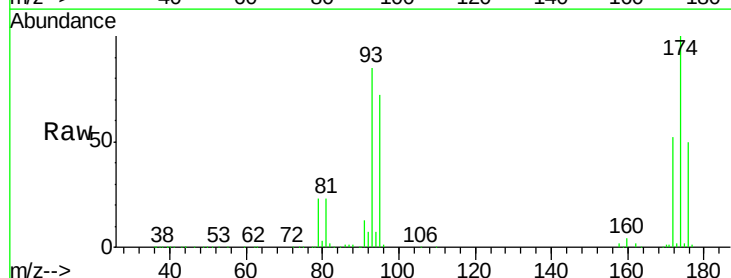
Manual Integrations
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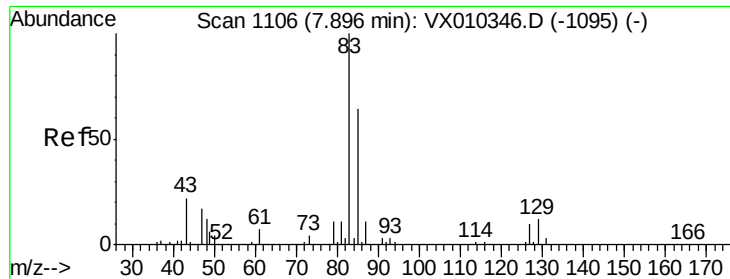
MMDadoda
 7/12/2019 12:22:07 PM



#46
 Dibromomethane
 Concen: 50.484 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion: 93 Resp: 76618
 Ion Ratio Lower Upper
 93 100
 95 84.3 67.5 101.3
 174 114.9 95.8 143.6





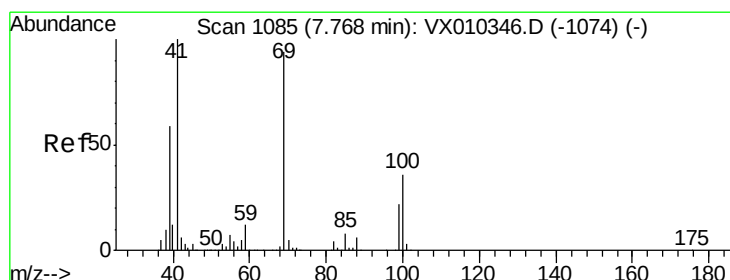
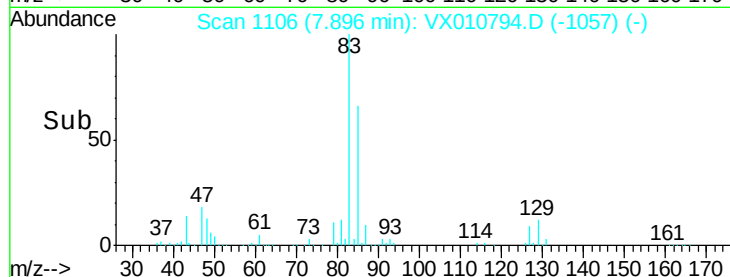
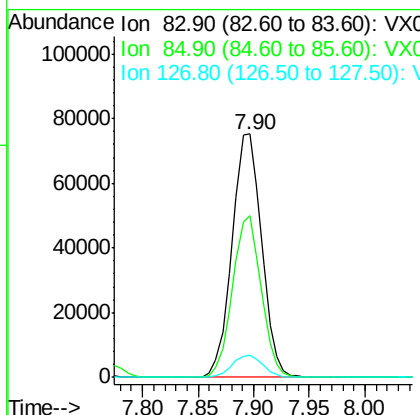
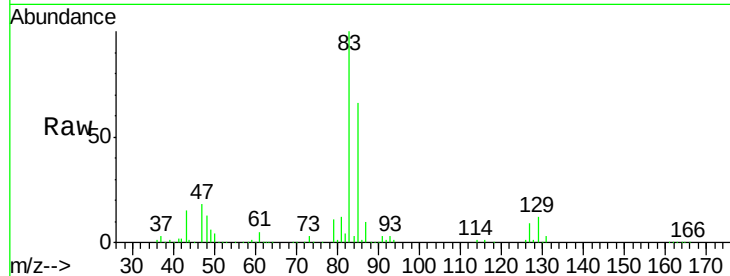
#47
Bromodichloromethane
Concen: 49.904 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	138800		
85	66.3		51.5	77.3
127	9.2		7.8	11.8

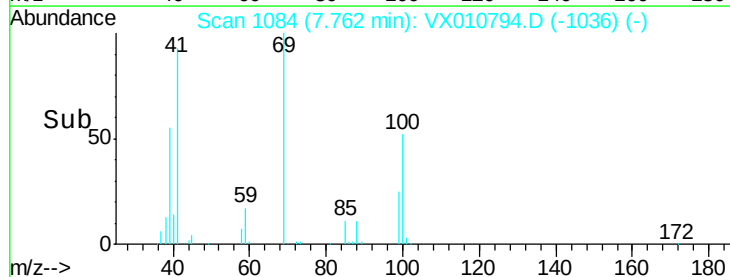
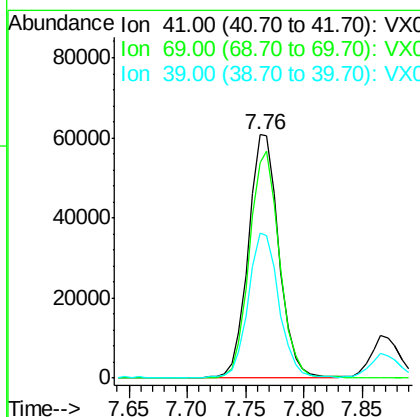
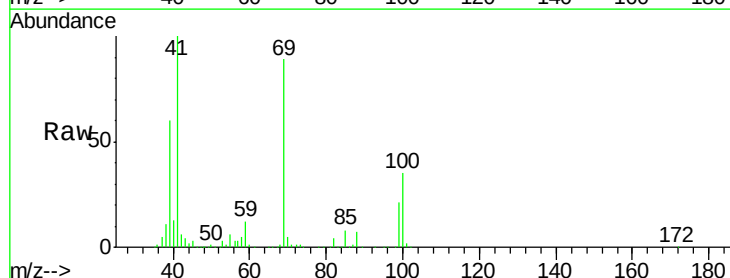
Manual Integrations
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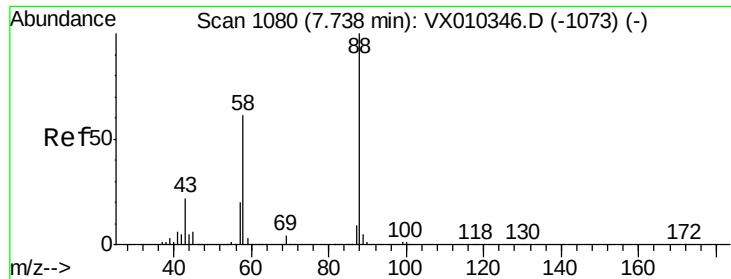
MMDadoda
7/12/2019 12:22:07 PM



#48
Methyl methacrylate
Concen: 52.159 ug/l
RT: 7.76 min Scan# 1084
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	110949		
69	91.9		76.1	114.1
39	59.6		47.6	71.4





#49

1,4-Dioxane

Concen: 911.061 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

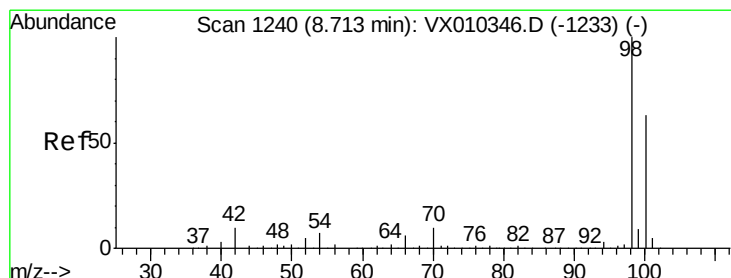
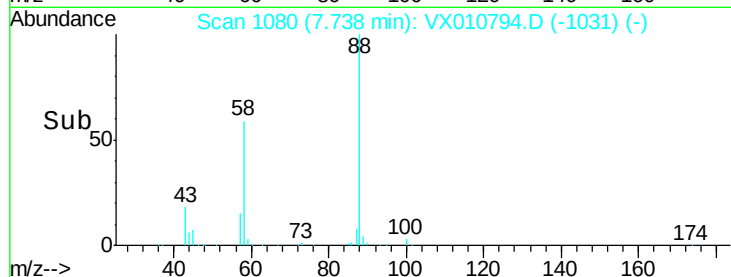
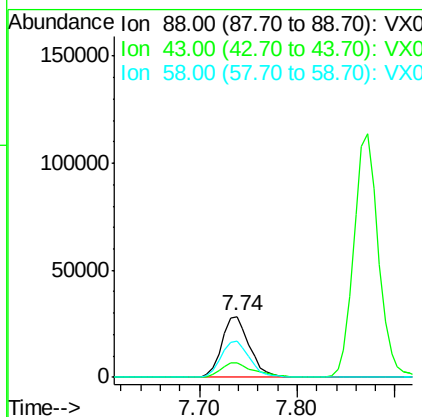
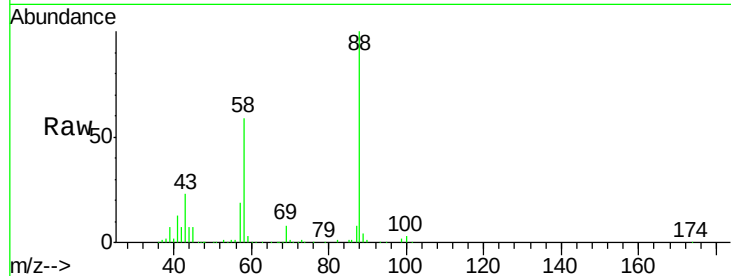
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	55827
Ion	Ratio	Lower	Upper
88	100		
43	28.9	20.2	30.2
58	62.6	49.5	74.3

Manual Integrations
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#50

Toluene-d8

Concen: 45.259 ug/l

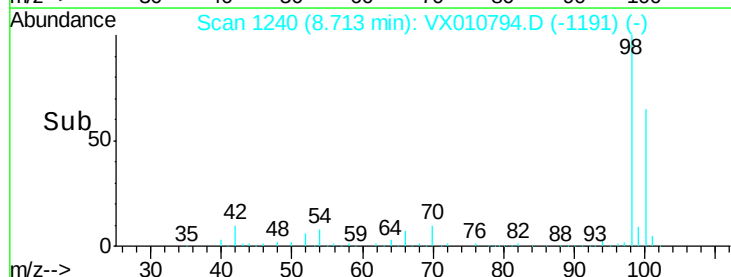
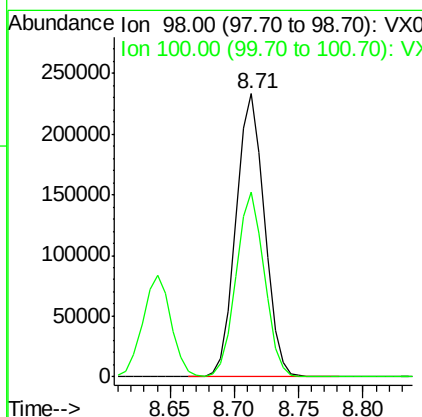
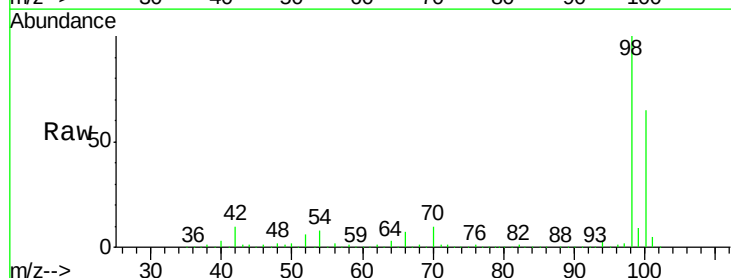
RT: 8.71 min Scan# 1240

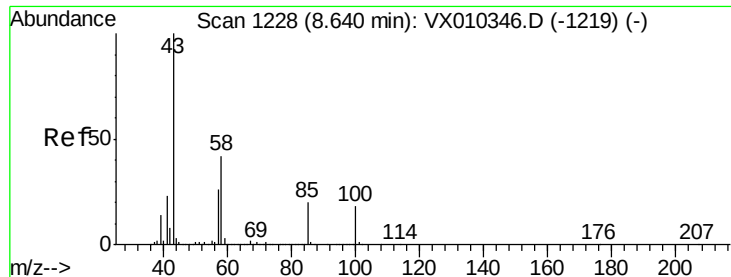
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion:	98	Resp:	358447
Ion	Ratio	Lower	Upper
98	100		
100	64.6	51.6	77.4





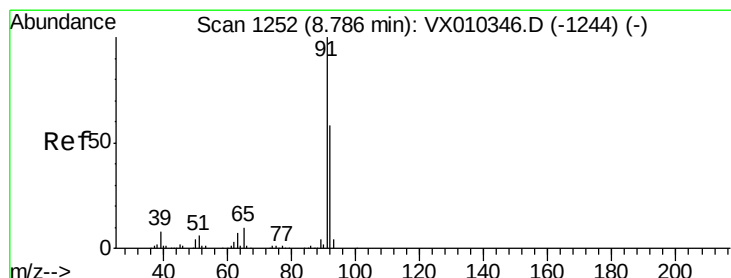
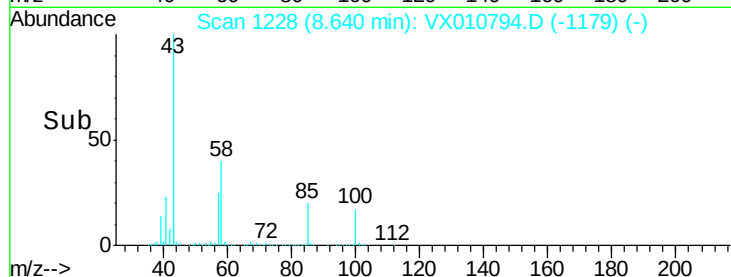
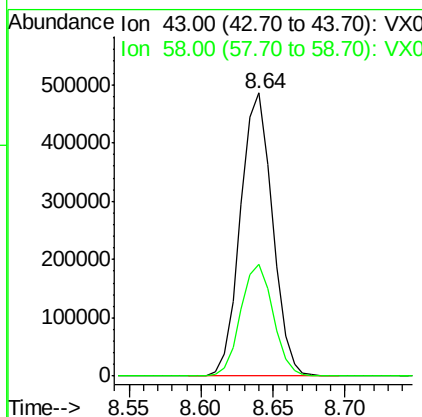
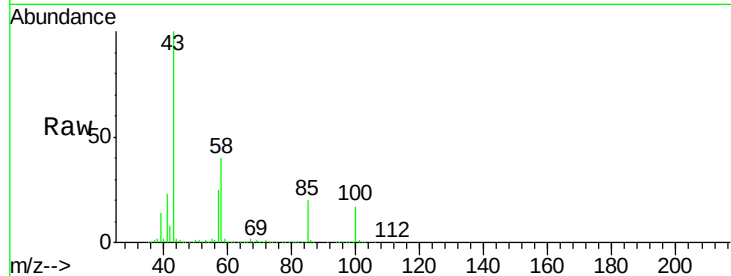
#51
4-Methyl-2-Pentanone
Concen: 256.553 ug/l
RT: 8.64 min Scan# 1228
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
58	40.0	33.5	50.3

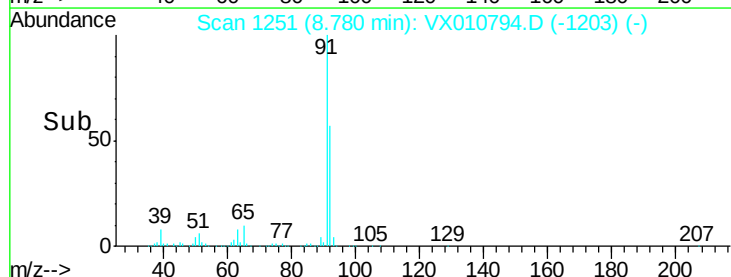
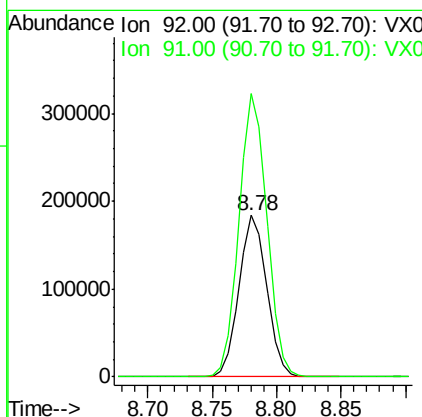
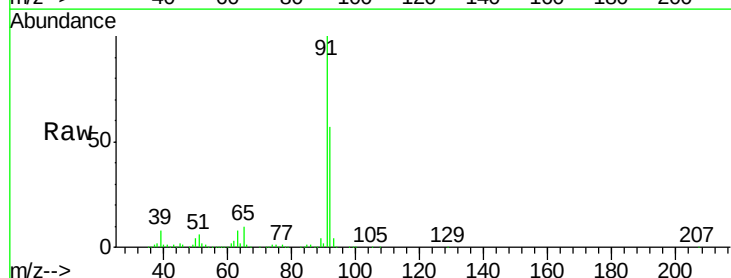
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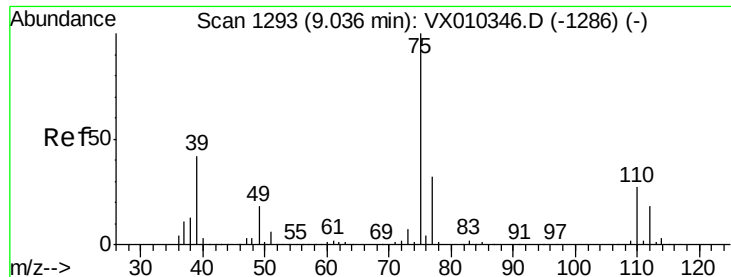
MMDadoda
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#52
Toluene
Concen: 49.916 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
92	100		
91	175.9	139.8	209.6





#53

t-1,3-Dichloropropene

Concen: 48.542 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tot Ion: 75 Resp: 151367

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.2

Instrument :

MSVOA_X

ClientSampleId :

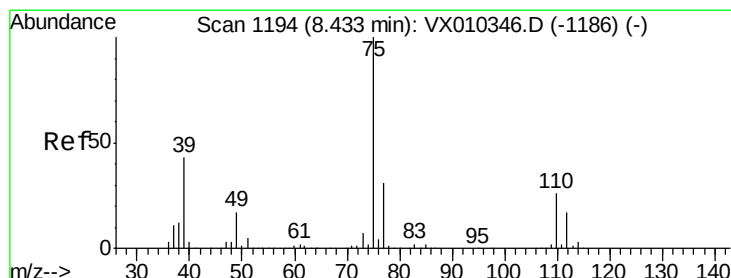
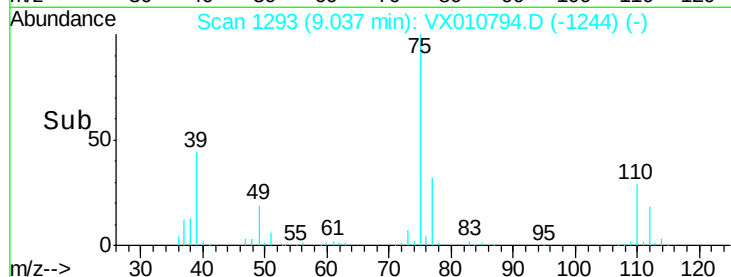
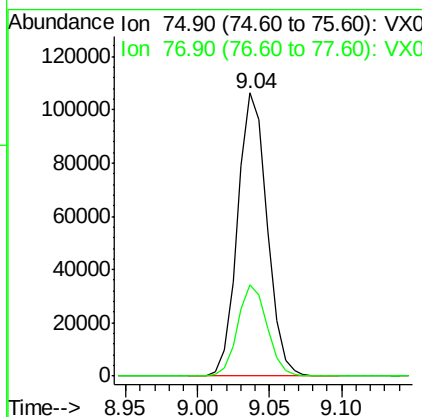
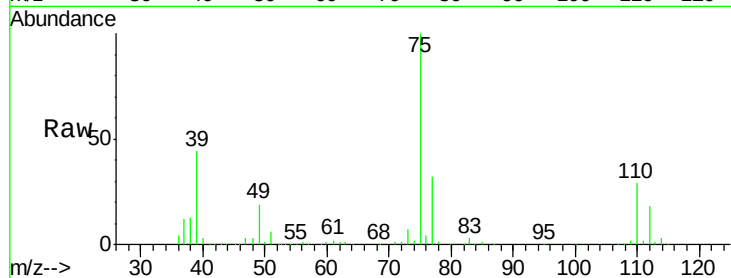
VSTDCCC050

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 49.895 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

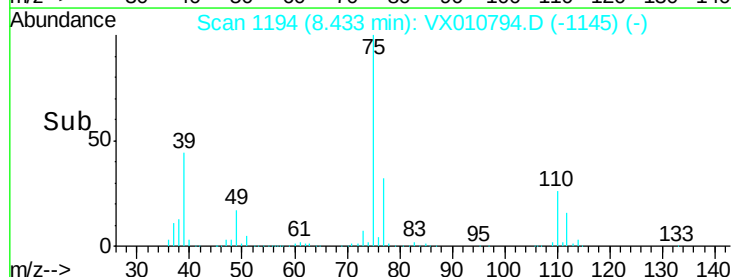
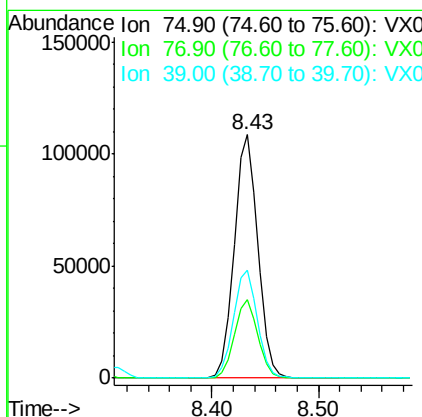
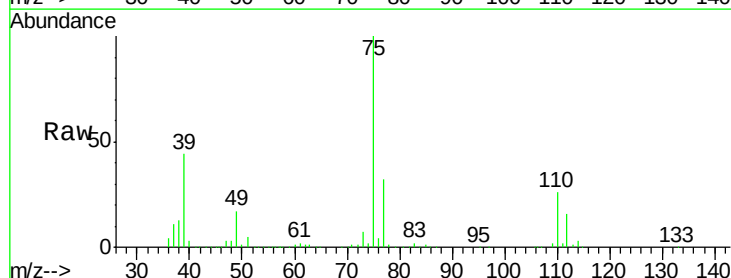
Tgt Ion: 75 Resp: 169076

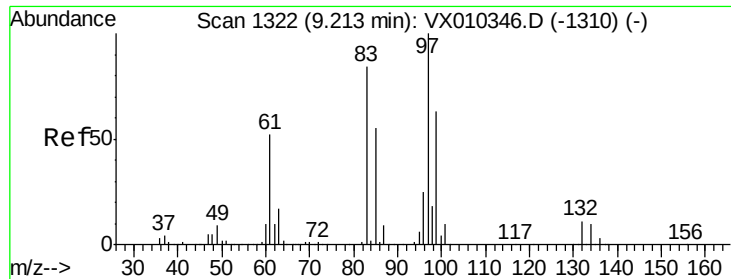
Ion Ratio Lower Upper

75 100

77 32.0 25.2 37.8

39 43.9 34.5 51.7





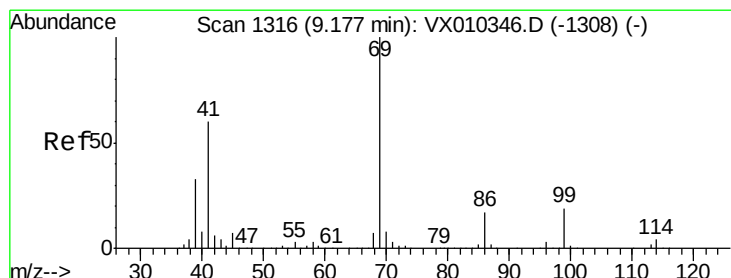
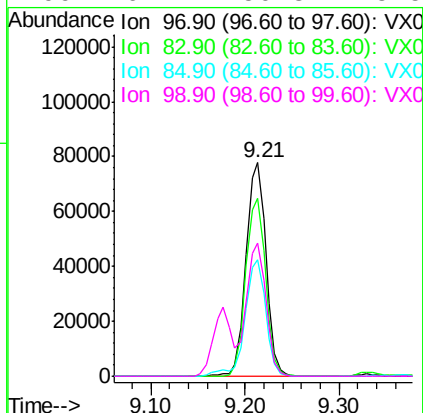
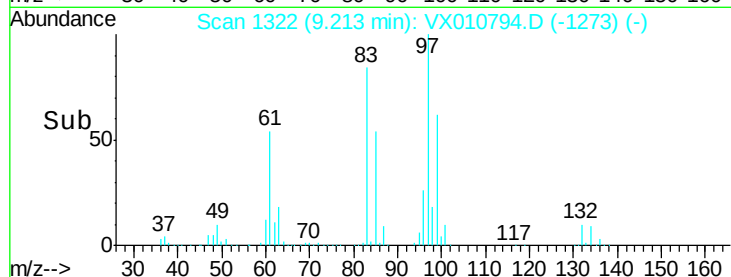
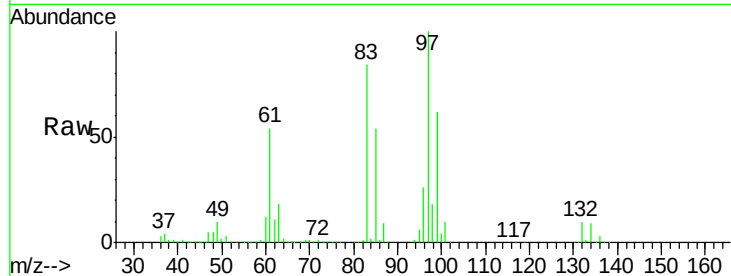
#55
 1,1,2-Trichloroethane
 Concen: 50.675 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	97	Resp:	115285
Ion	Ratio	Lower	Upper
97	100		
83	83.5	67.4	101.0
85	54.4	43.8	65.8
99	62.4	50.3	75.5

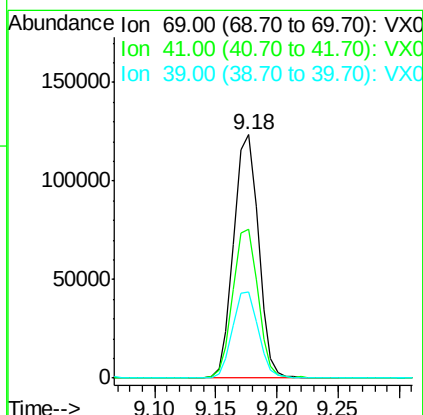
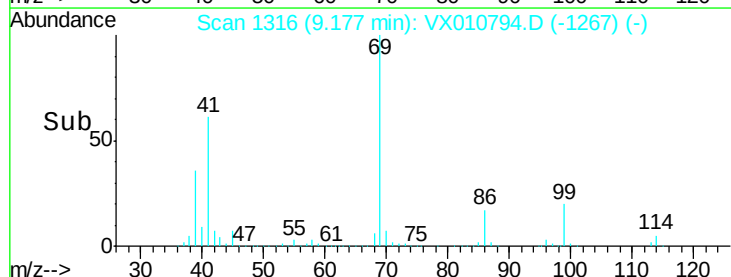
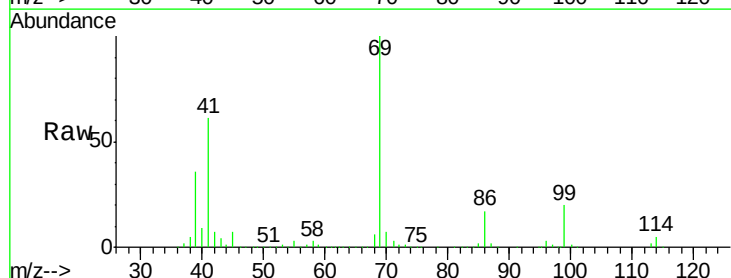
Manual Integrations
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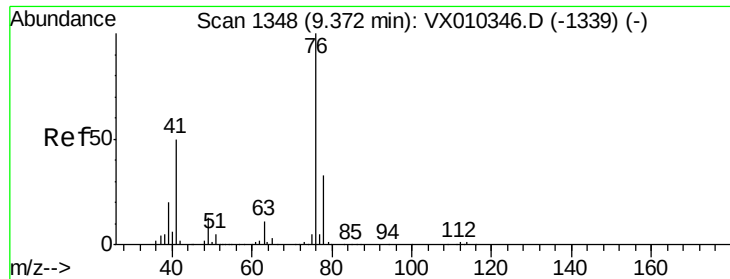
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#56
 Ethyl methacrylate
 Concen: 50.287 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion:	69	Resp:	173304
Ion	Ratio	Lower	Upper
69	100		
41	61.9	47.1	70.7
39	36.8	26.6	40.0





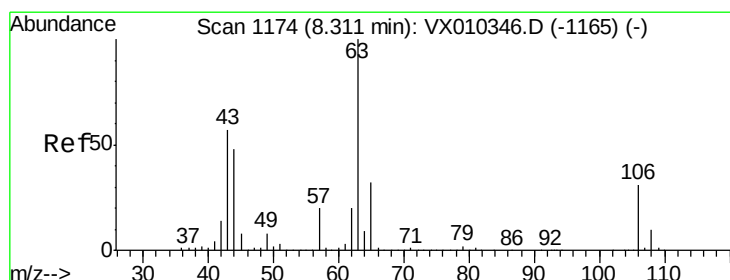
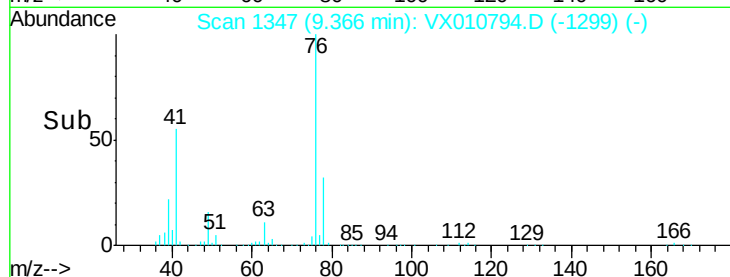
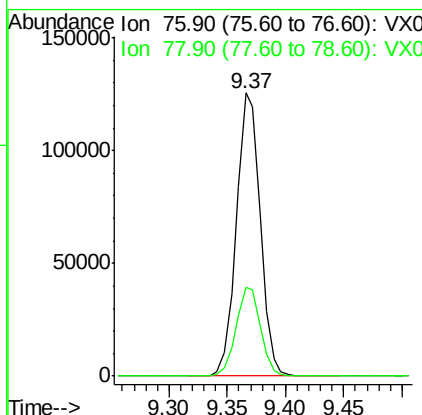
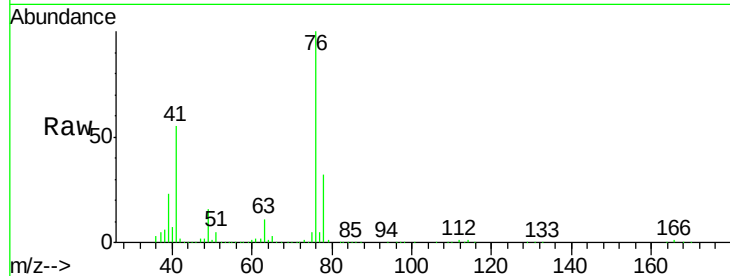
#57
 1,3-Dichloropropane
 Concen: 50.813 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 179446
 Ion Ratio Lower Upper
 76 100
 78 32.1 26.1 39.1

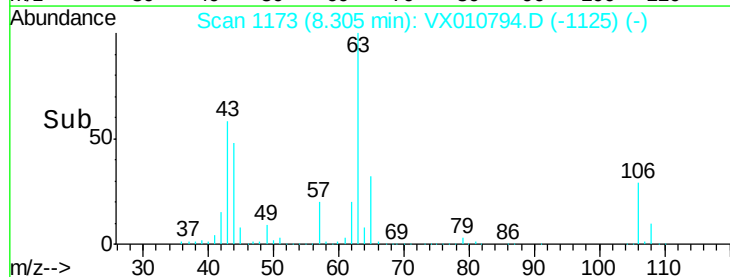
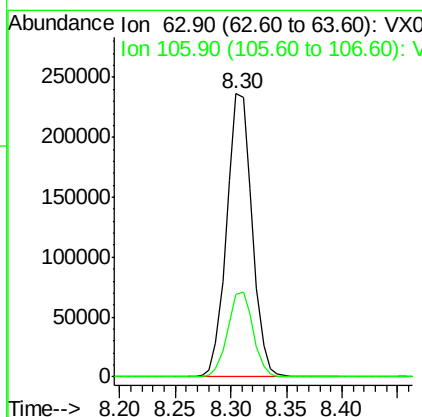
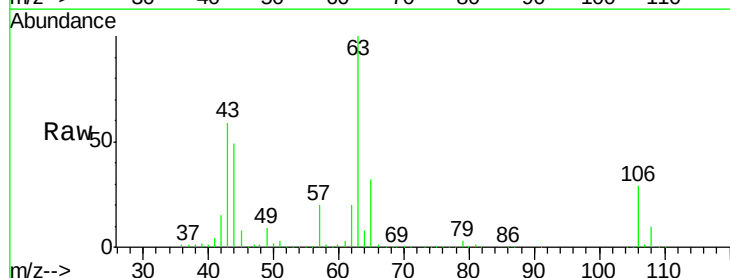
Manual Integrations
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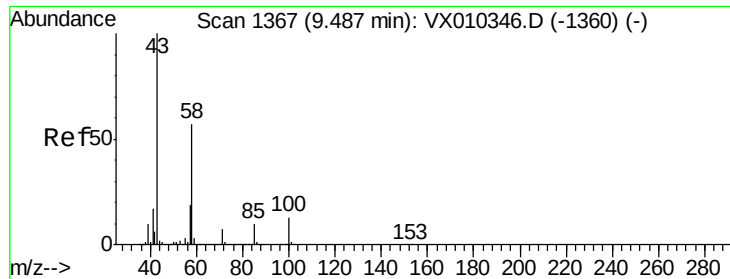
MMDadoda
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#58
 2-Chloroethyl Vinyl ether
 Concen: 227.797 ug/l
 RT: 8.30 min Scan# 1173
 Delta R.T. -0.01 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion: 63 Resp: 372848
 Ion Ratio Lower Upper
 63 100
 106 30.3 24.7 37.1





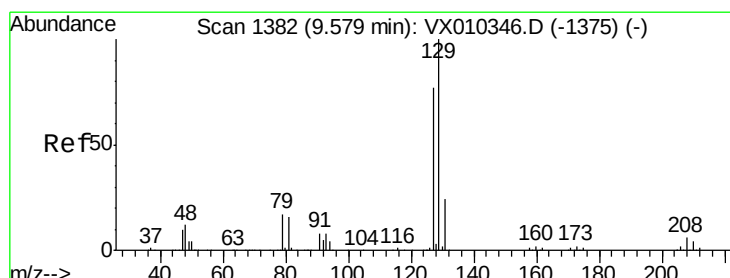
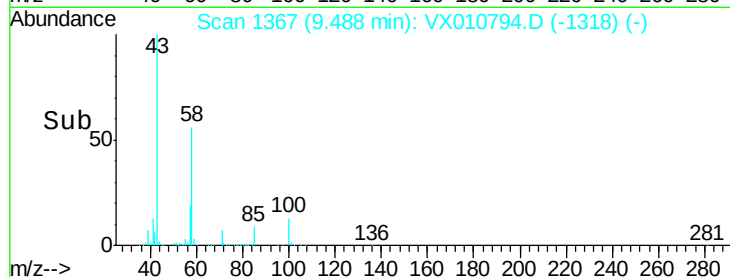
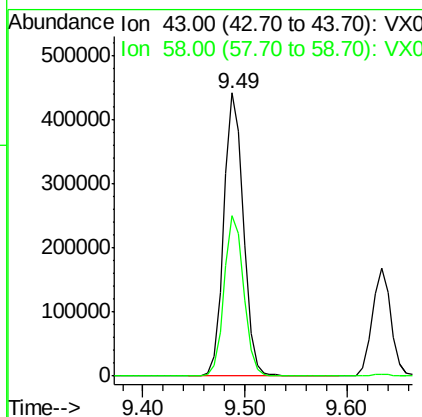
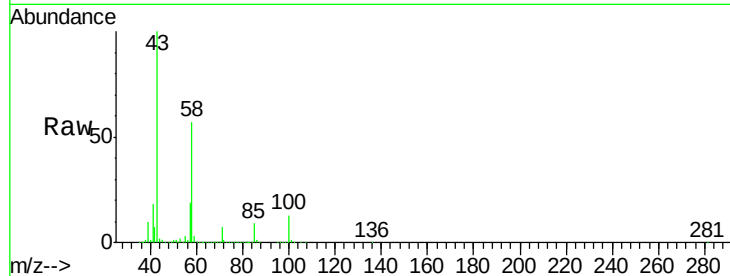
#59
2-Hexanone
Concen: 256.524 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 590906
Ion Ratio Lower Upper
43 100
58 56.5 29.0 87.1

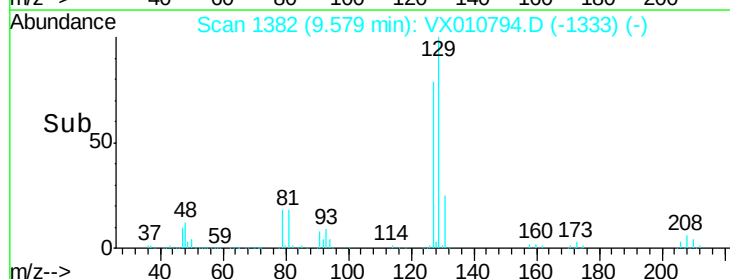
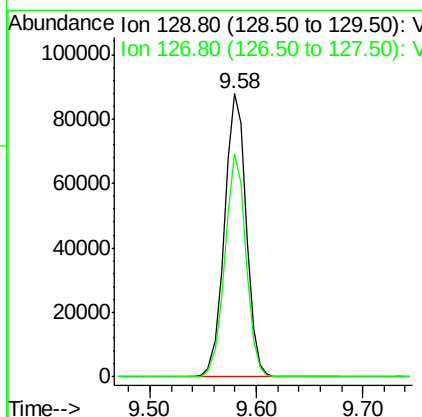
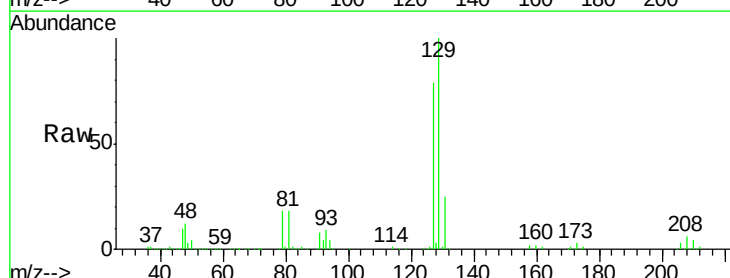
Manual Integrations
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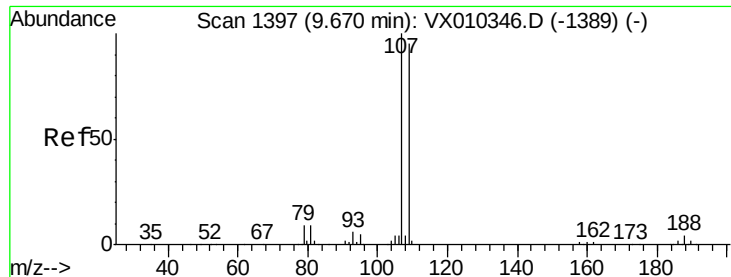
MMDadoda
7/12/2019 12:22:07 PM



#60
Dibromochloromethane
Concen: 49.356 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion: 129 Resp: 125722
Ion Ratio Lower Upper
129 100
127 76.5 38.4 115.1





#61

1,2-Dibromoethane

Concen: 50.165 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 123186

Ion Ratio Lower Upper

107 100

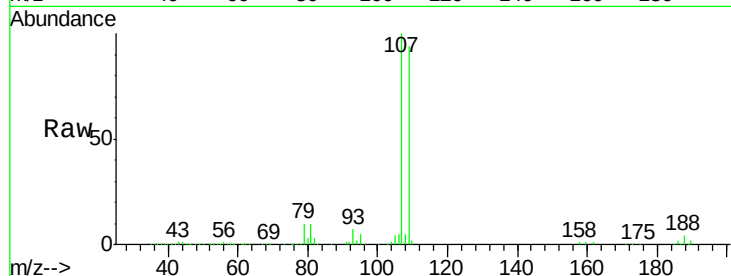
109 94.9 75.8 113.6

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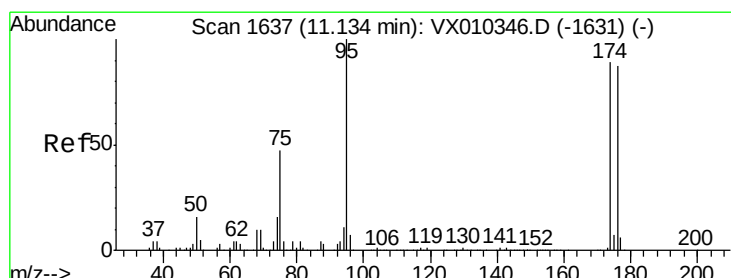
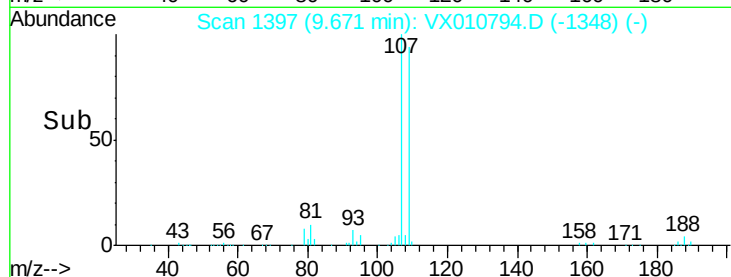
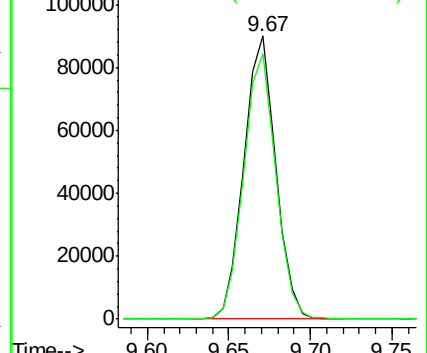
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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 46.881 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

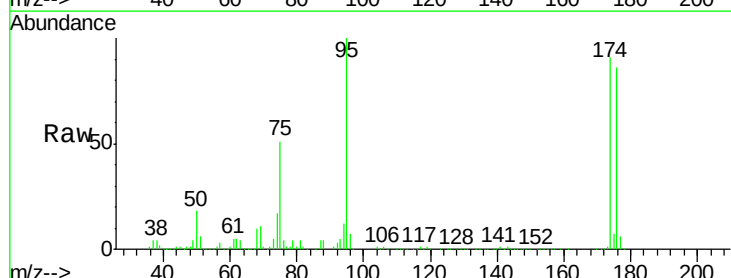
Tgt Ion: 95 Resp: 134047

Ion Ratio Lower Upper

95 100

174 93.4 0.0 187.6

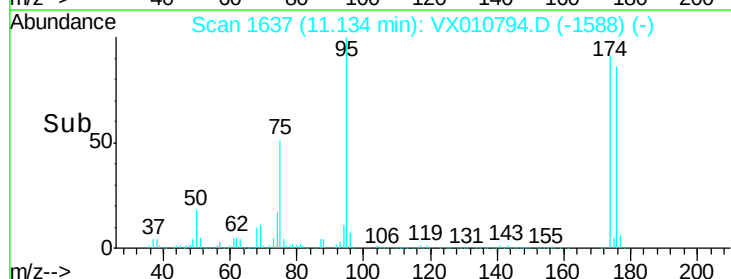
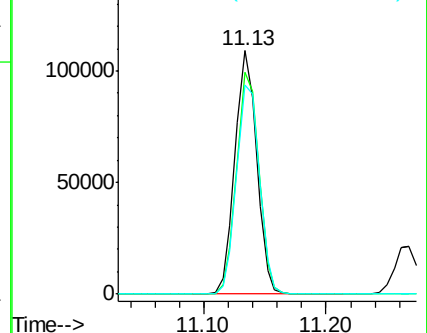
176 90.6 0.0 184.0

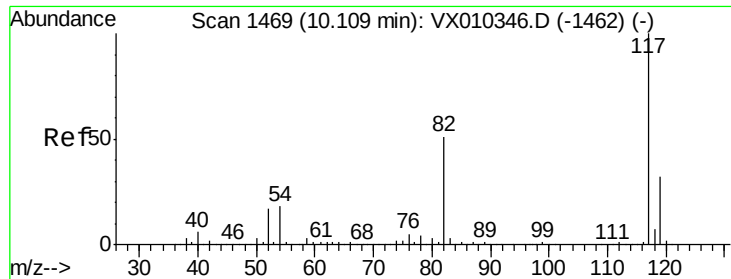


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





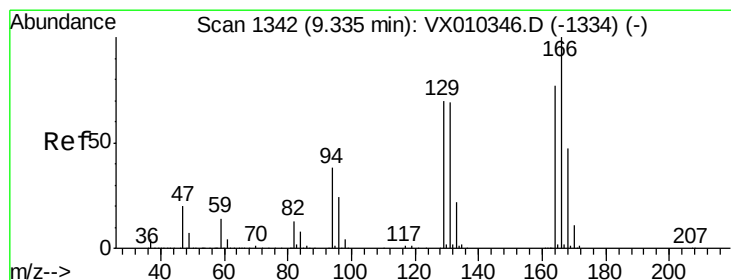
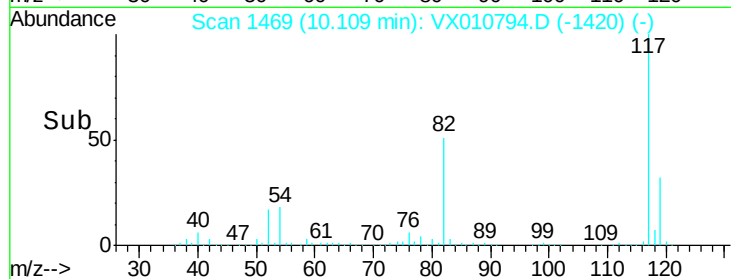
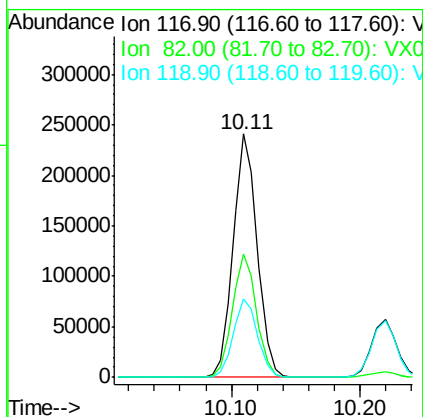
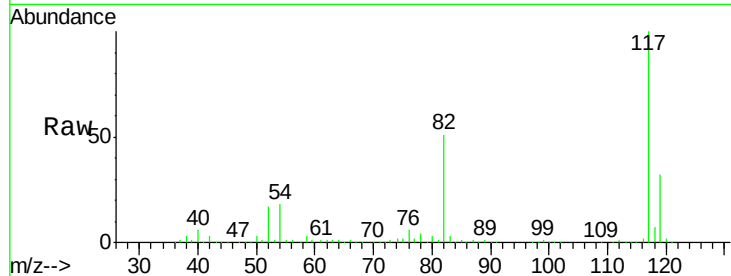
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	50.6	41.2	61.8
119	32.2	25.5	38.3

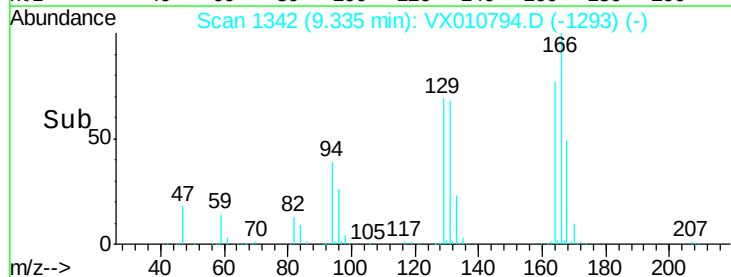
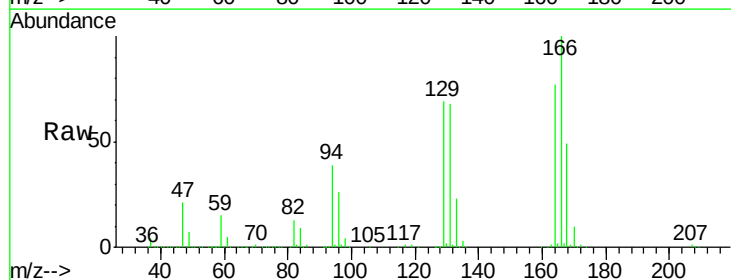
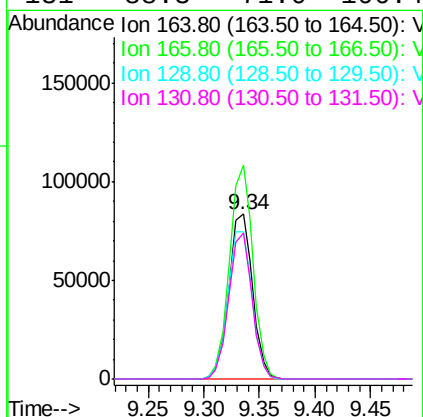
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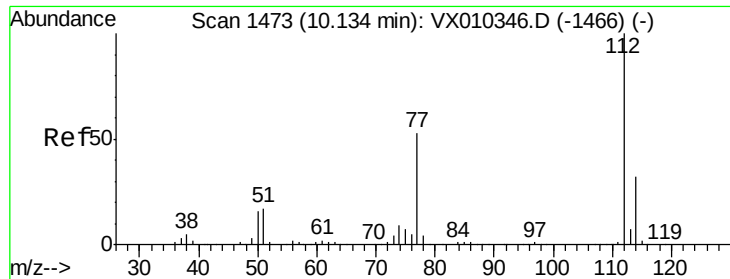
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#64
Tetrachloroethene
Concen: 48.677 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.5	103.6	155.4
129	89.4	73.0	109.4
131	88.3	71.0	106.4





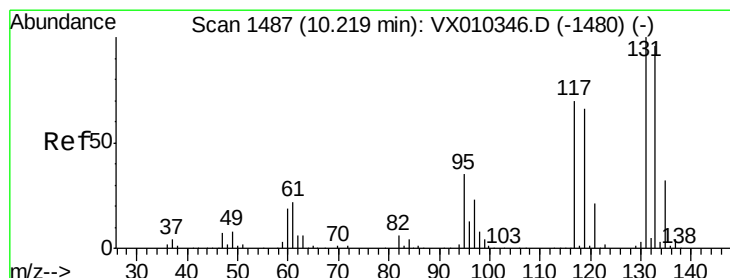
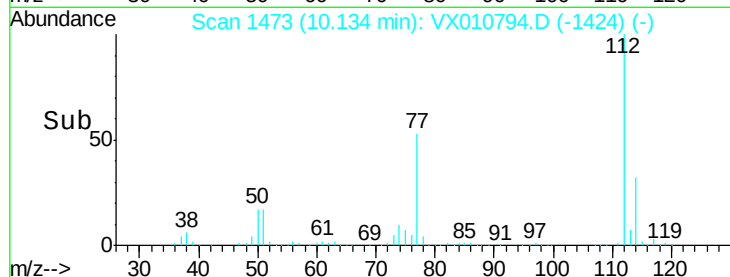
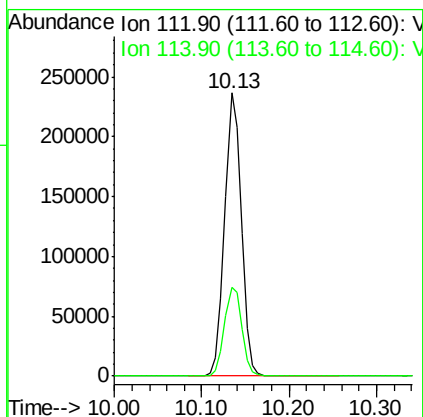
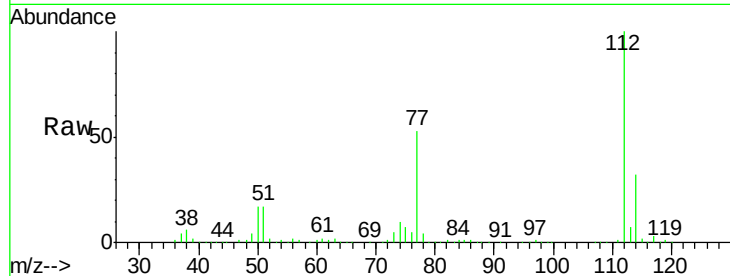
#65
Chlorobenzene
Concen: 48.900 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 311315
Ion Ratio Lower Upper
112 100
114 31.6 25.4 38.2

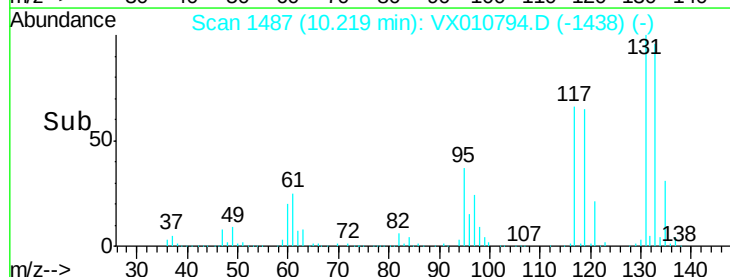
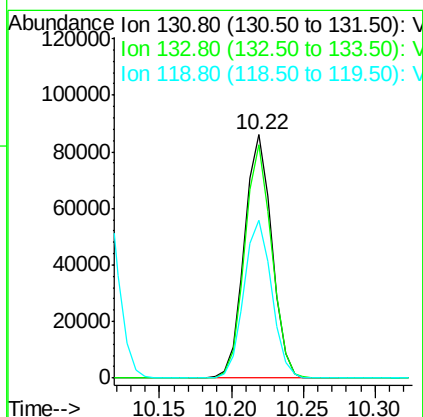
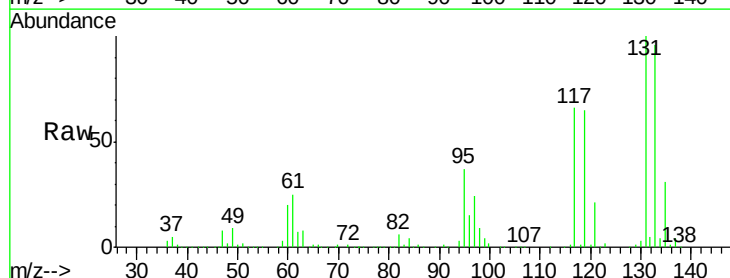
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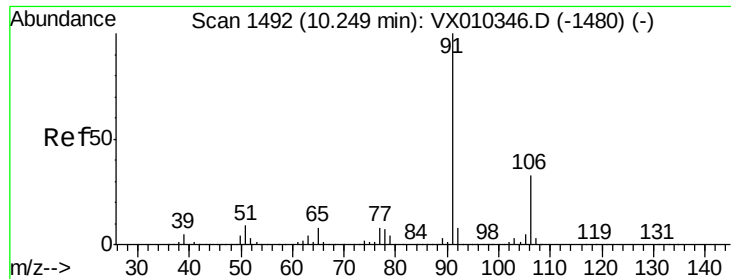
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#66
1,1,1,2-Tetrachloroethane
Concen: 48.777 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion:131 Resp: 113114
Ion Ratio Lower Upper
131 100
133 94.6 47.7 143.1
119 66.2 32.6 97.7





#67

Ethyl Benzene

Concen: 50.303 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 540649

Ion Ratio Lower Upper

91 100

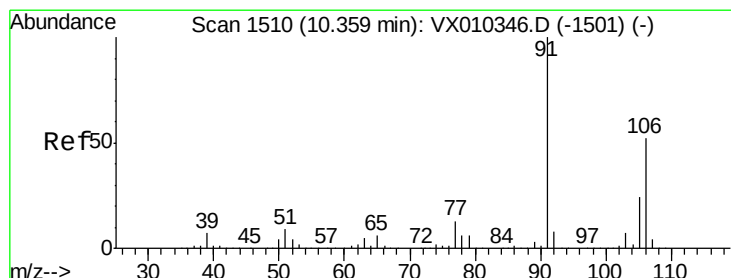
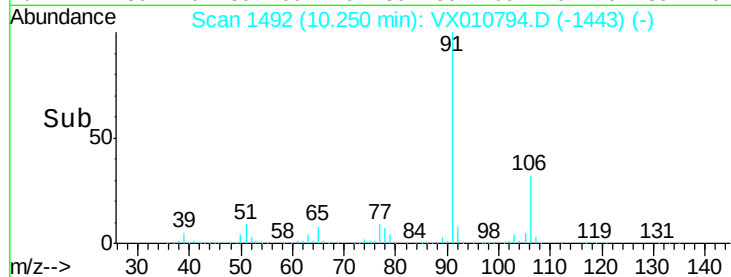
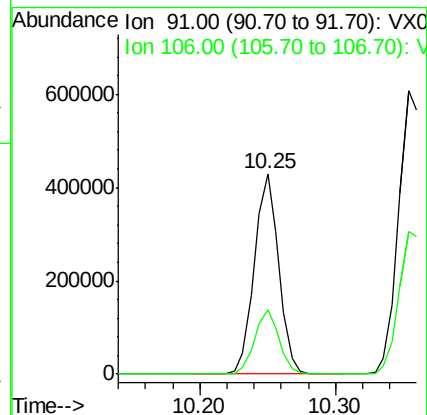
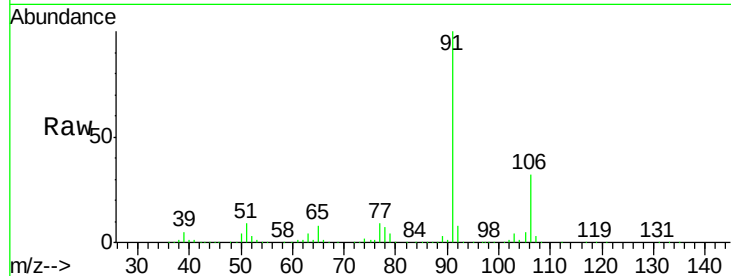
106 32.2 26.2 39.2

Manual Integrations

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#68

m/p-Xylenes

Concen: 99.909 ug/l

RT: 10.35 min Scan# 1509

Delta R.T. -0.01 min

Lab File: VX010794.D

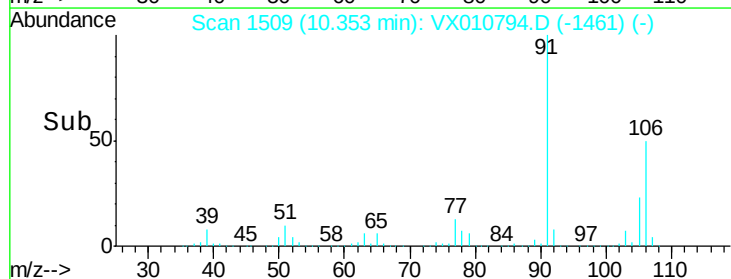
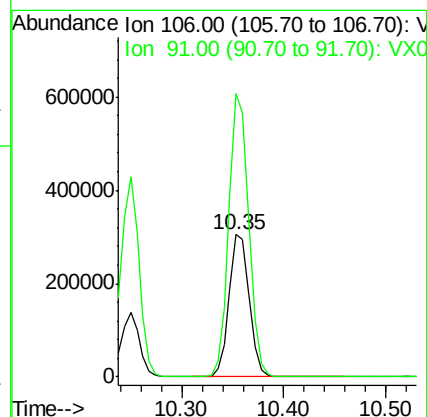
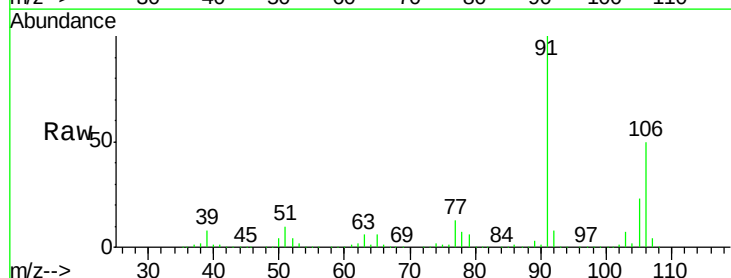
Acq: 11 Jul 2019 09:48

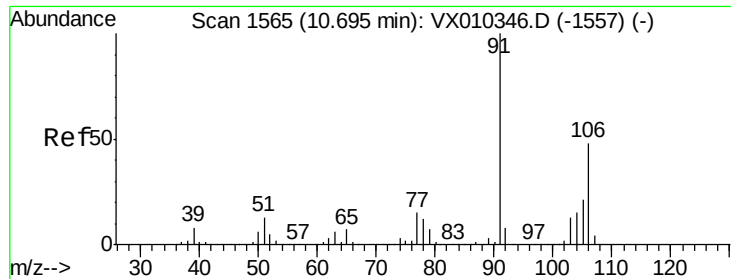
Tgt Ion: 106 Resp: 416076

Ion Ratio Lower Upper

106 100

91 197.0 155.3 232.9





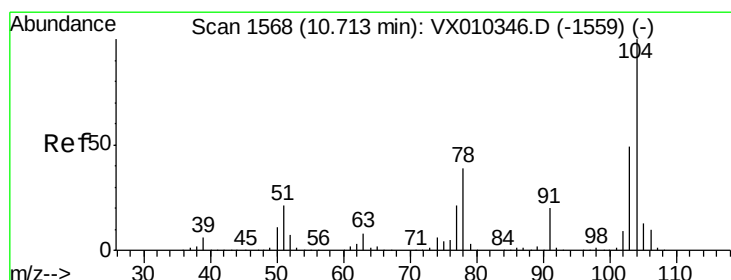
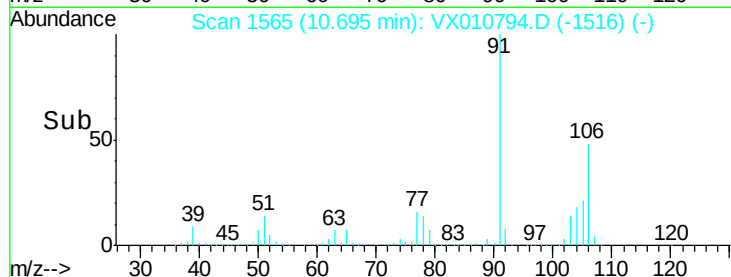
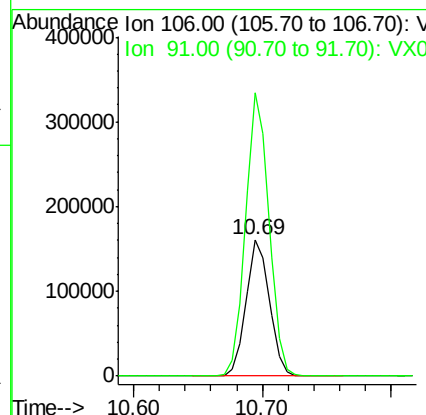
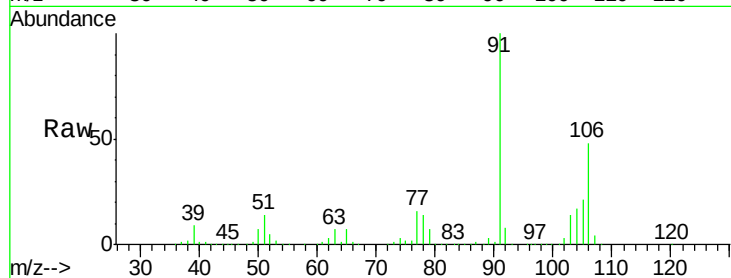
#69
o-Xylene
Concen: 49.245 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 201682
Ion Ratio Lower Upper
106 100
91 207.4 102.7 308.1

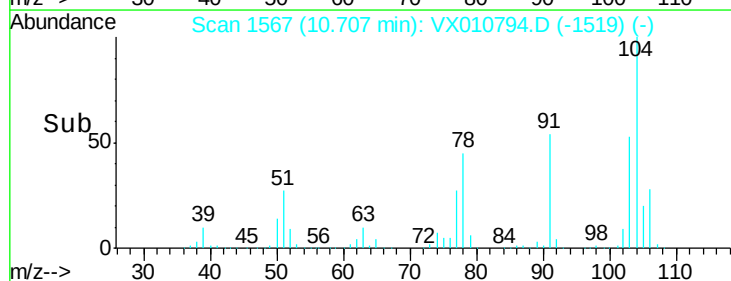
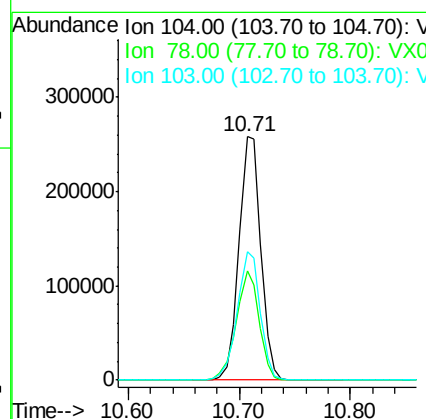
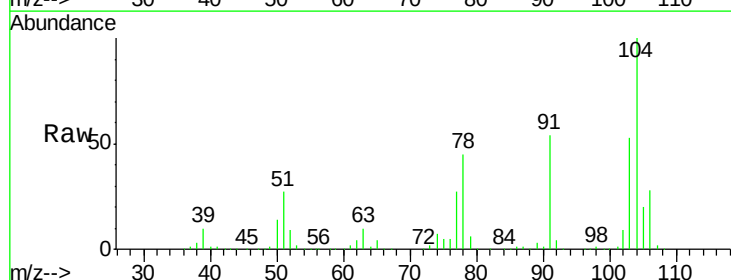
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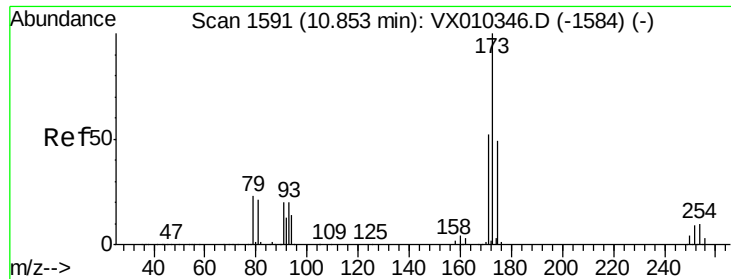
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#70
Styrene
Concen: 50.975 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion:104 Resp: 350107
Ion Ratio Lower Upper
104 100
78 47.0 36.2 54.2
103 55.6 44.2 66.4





#71

Bromoform

Concen: 46.866 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

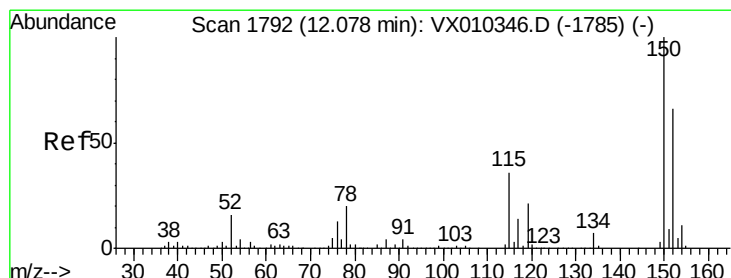
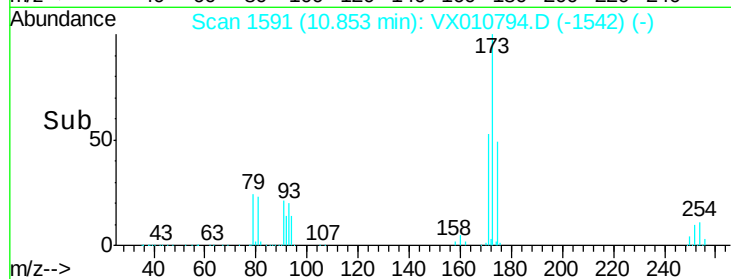
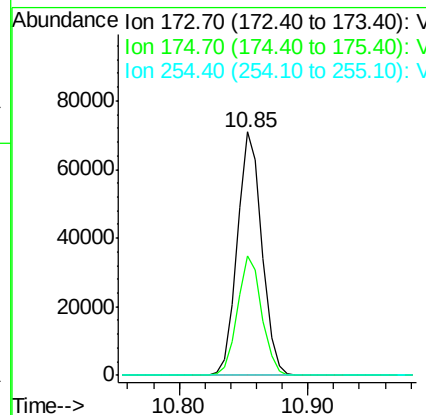
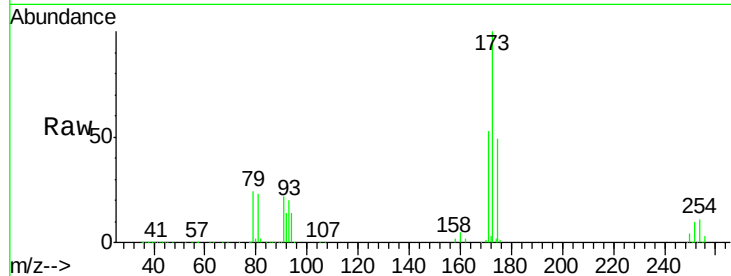
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.5	24.1	72.3
254	0.2	0.2	0.2

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#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

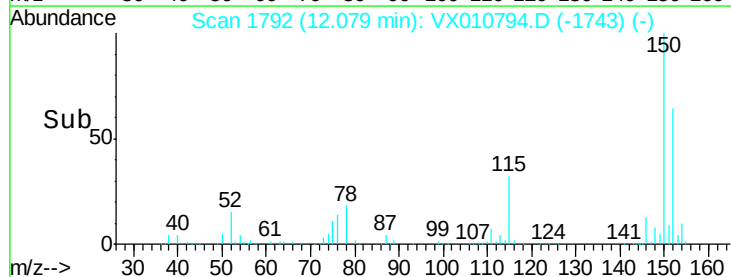
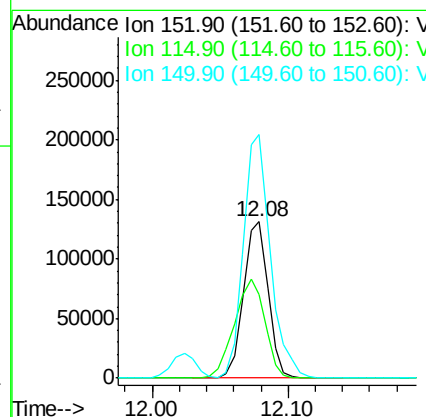
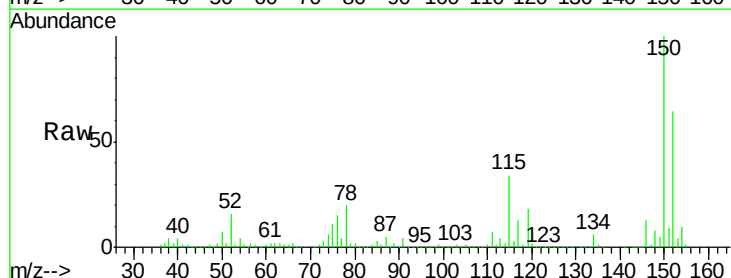
RT: 12.08 min Scan# 1792

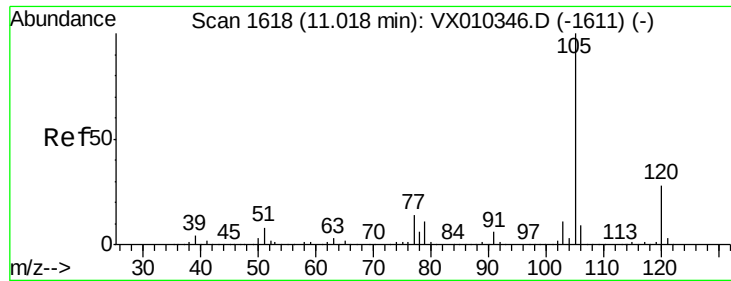
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	38.6	115.7
150	171.9	0.0	347.4





#73

Isopropylbenzene

Concen: 49.355 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 105 Resp: 548695

Ion Ratio Lower Upper

105 100

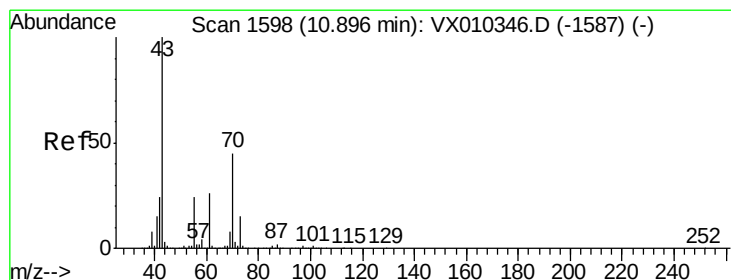
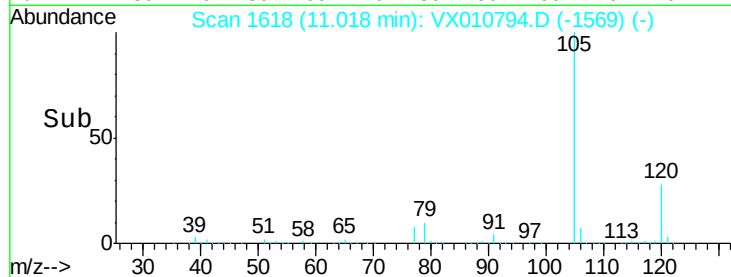
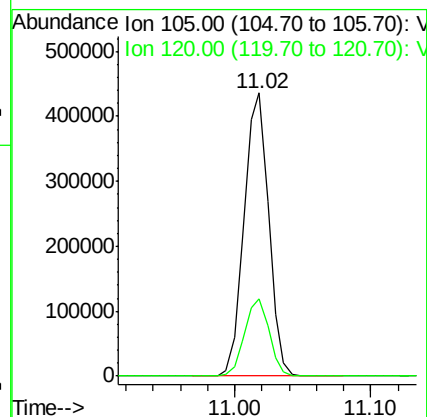
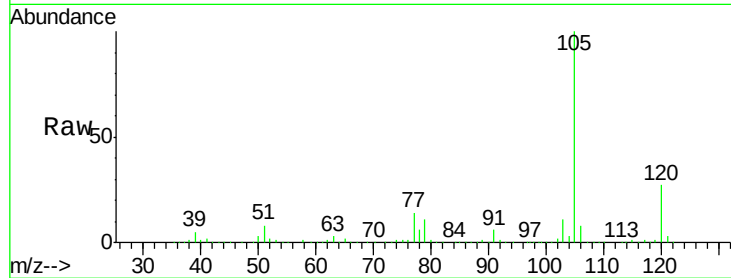
120 27.4 14.1 42.4

Manual Integrations

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#74

N-ethyl acetate

Concen: 49.587 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion: 43 Resp: 208338

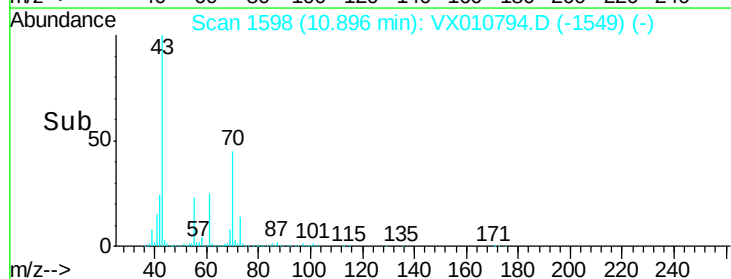
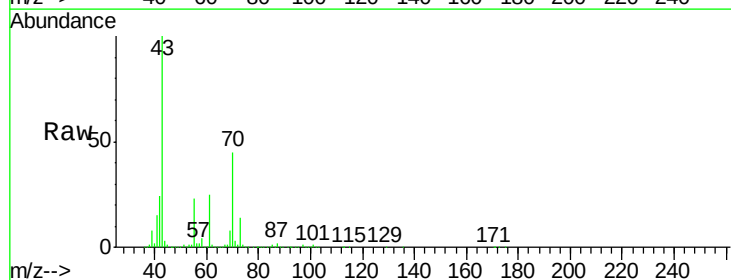
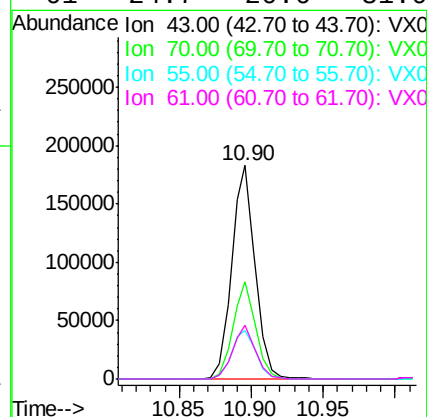
Ion Ratio Lower Upper

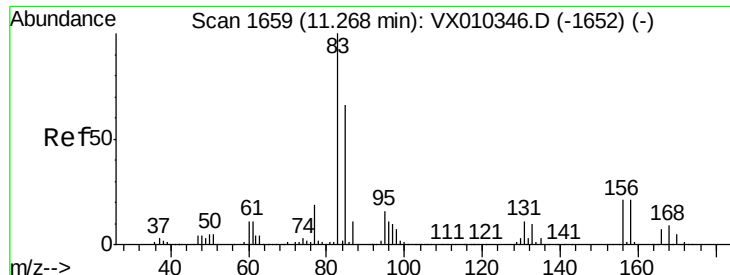
43 100

70 44.1 36.6 54.8

55 24.0 18.7 28.1

61 24.7 20.6 31.0





#75

1,1,2,2-Tetrachloroethane

Concen: 47.177 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

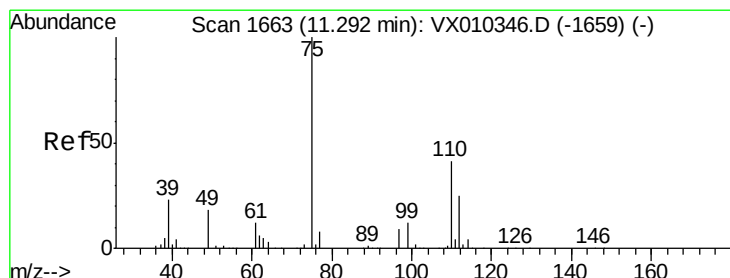
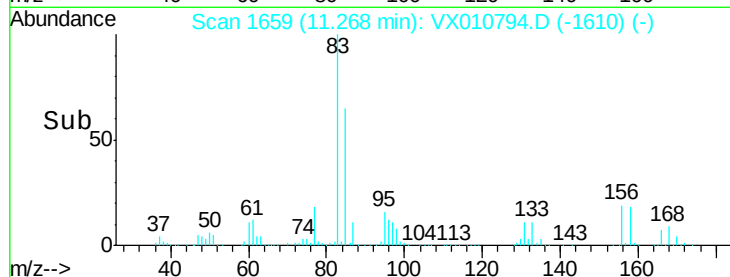
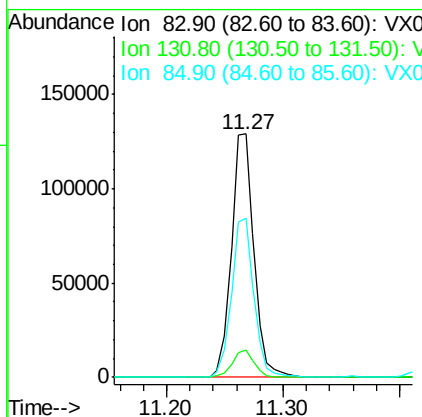
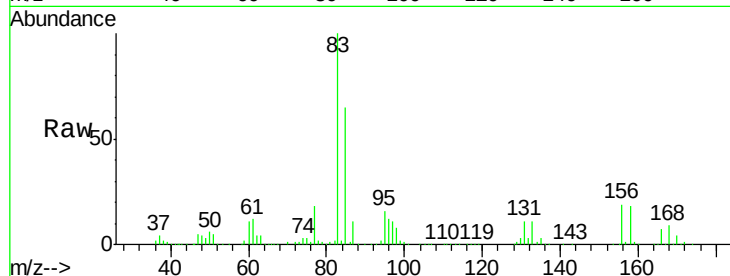
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	173694
Ion	Ratio	Lower	Upper
83	100		
131	10.8	5.5	16.4
85	65.2	32.3	96.8

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#76

1,2,3-Trichloropropane

Concen: 48.520 ug/l m

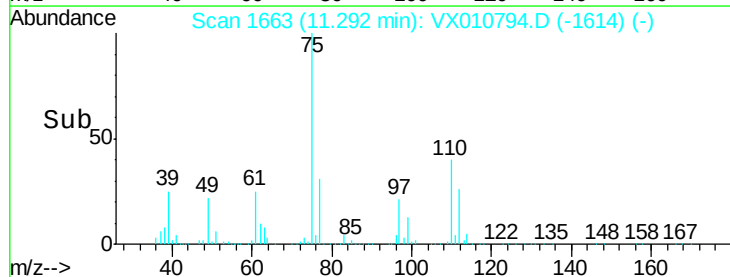
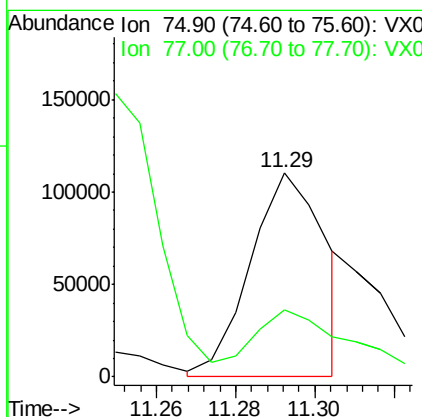
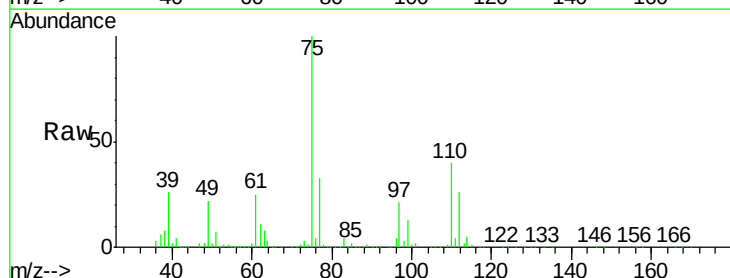
RT: 11.29 min Scan# 1663

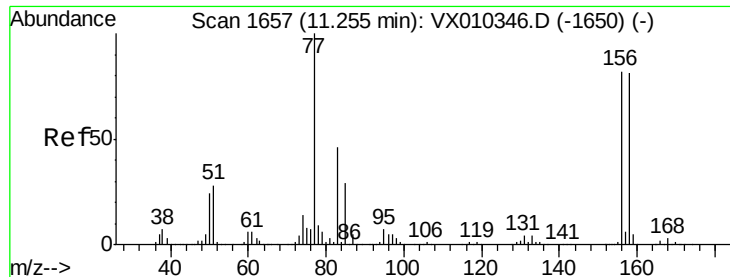
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion:	75	Resp:	145004
Ion	Ratio	Lower	Upper
75	100		
77	42.9	22.6	67.8





#77

Bromobenzene

Concen: 47.073 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

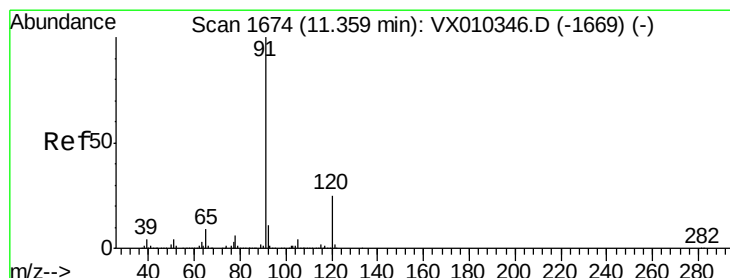
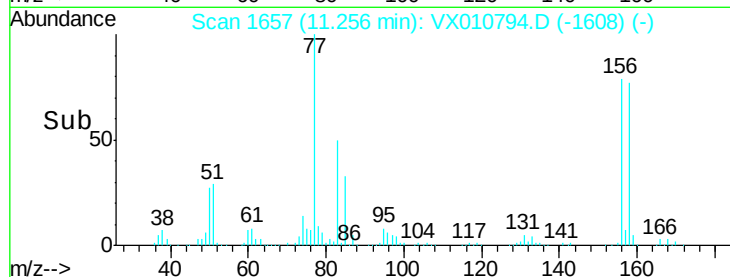
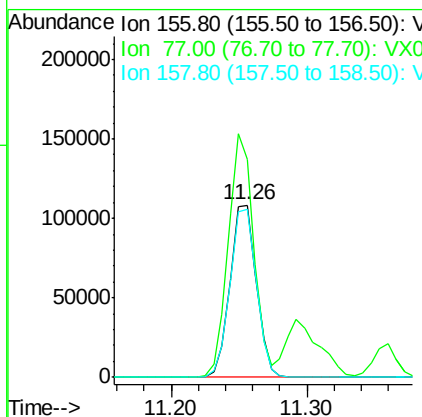
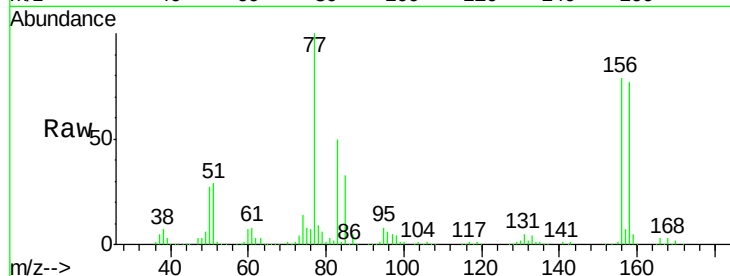
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	146127
Ion Ratio	Lower	Upper	
156	100		
77	136.3	66.3	198.7
158	98.1	48.9	146.7

Manual Integrations
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#78

n-propylbenzene

Concen: 51.191 ug/l

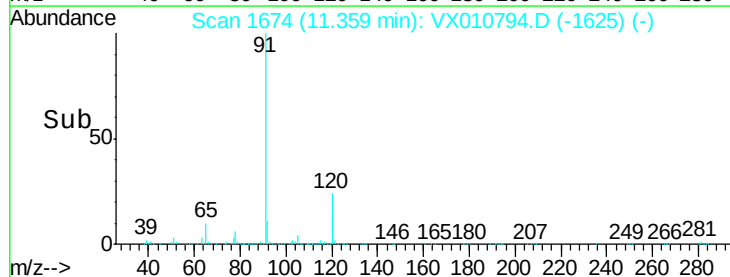
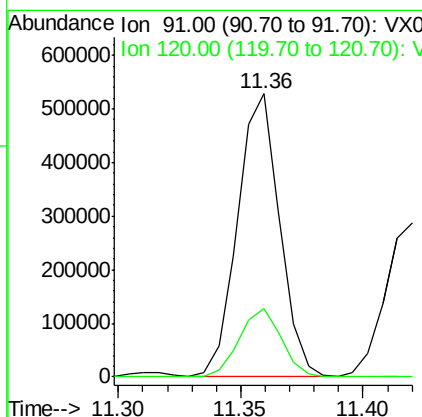
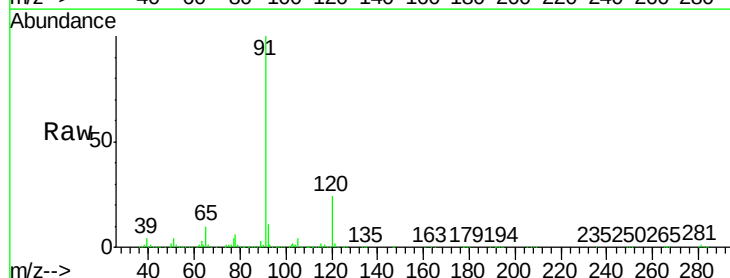
RT: 11.36 min Scan# 1674

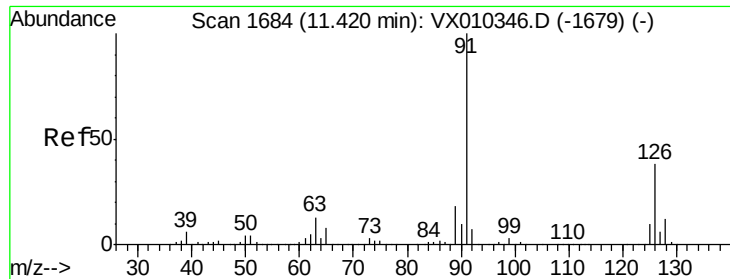
Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Tgt Ion:	91	Resp:	625475
Ion Ratio	Lower	Upper	
91	100		
120	24.2	12.4	37.4





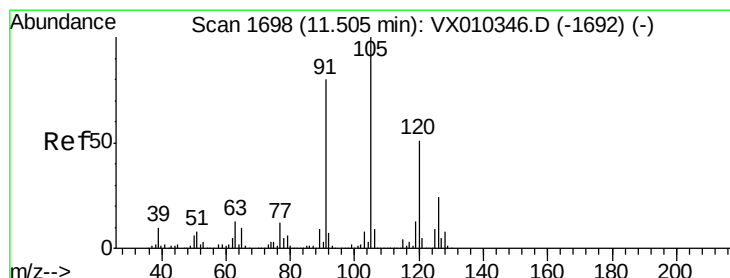
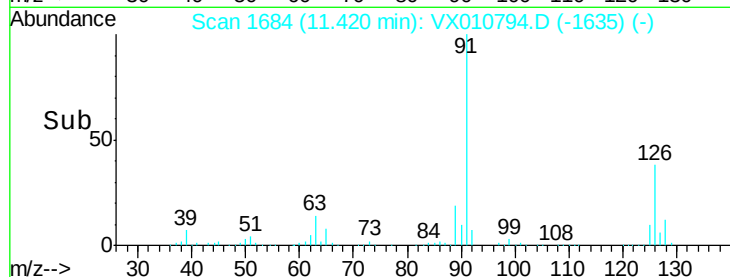
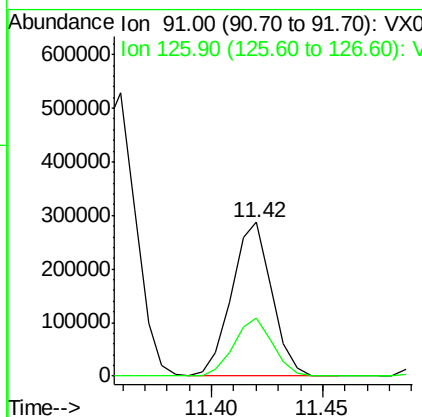
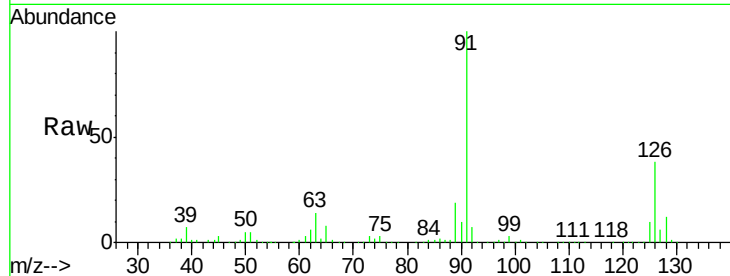
#79
 2-Chlorotoluene
 Concen: 49.102 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 91 Resp: 357257
 Ion Ratio Lower Upper
 91 100
 126 37.1 18.7 56.1

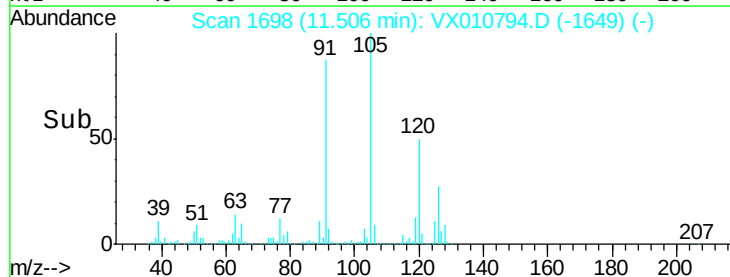
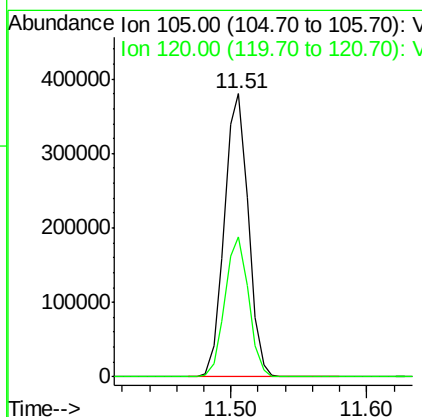
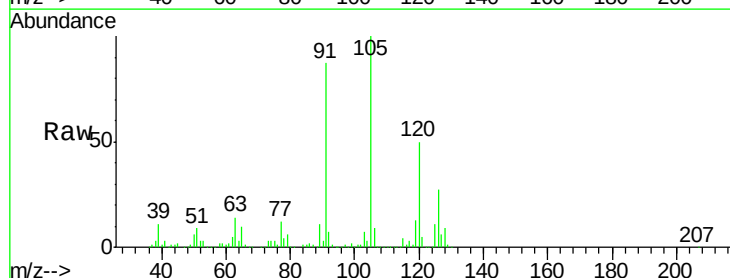
Manual Integrations
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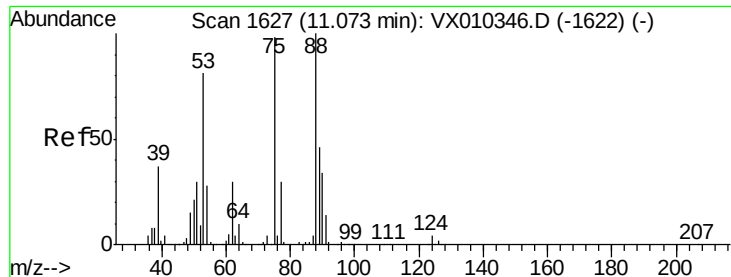
MMDadoda
 7/12/2019 12:22:07 PM



#80
 1,3,5-Trimethylbenzene
 Concen: 50.398 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion: 105 Resp: 461894
 Ion Ratio Lower Upper
 105 100
 120 49.3 25.2 75.6





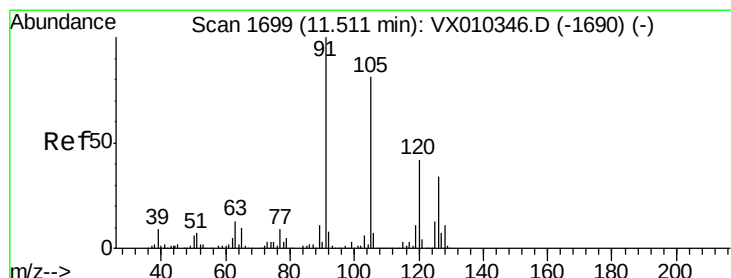
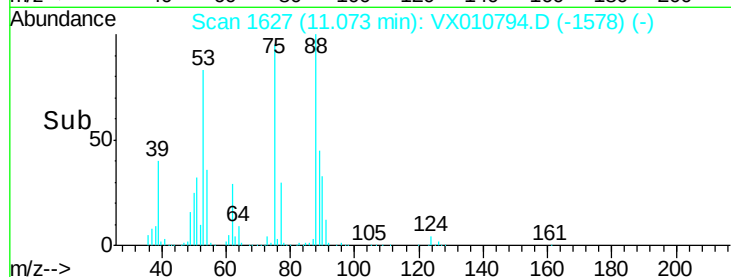
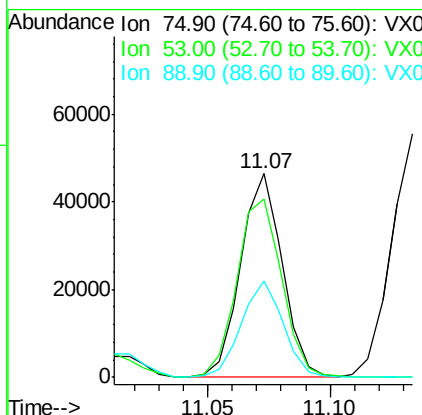
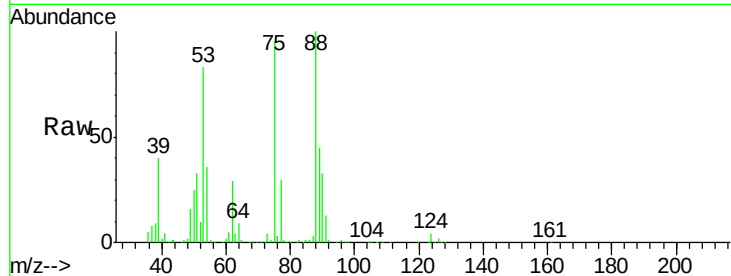
#81
trans-1,4-Dichloro-2-butene
Concen: 42.629 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	95.2	66.1	99.1
89	47.9	37.8	56.6

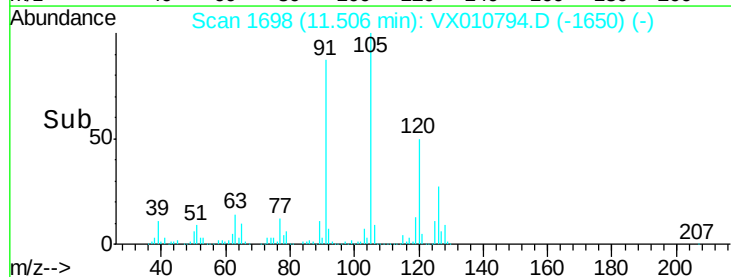
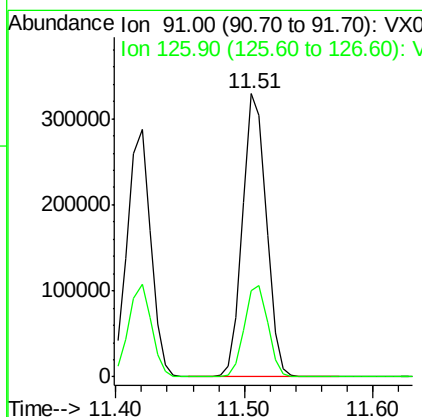
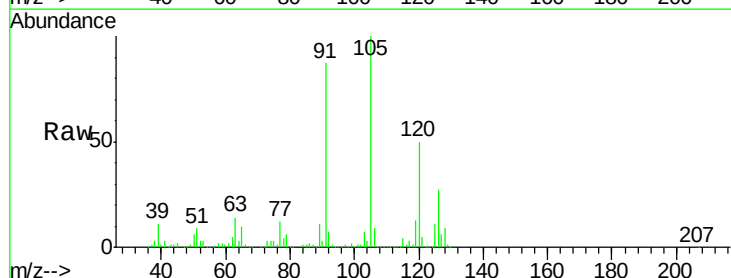
Manual Integrations
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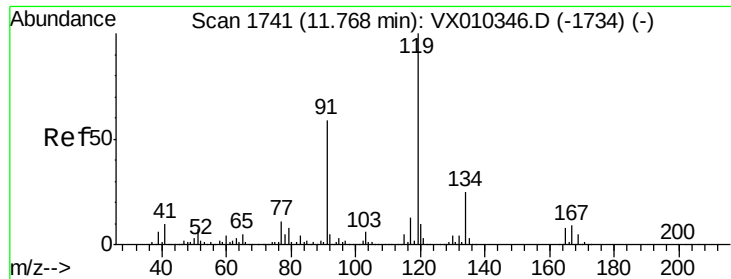
MMDadoda
7/12/2019 12:22:07 PM



#82
4-Chlorotoluene
Concen: 50.629 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.01 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.2	16.2	48.6





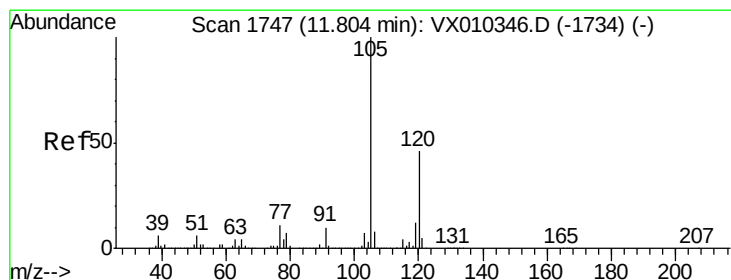
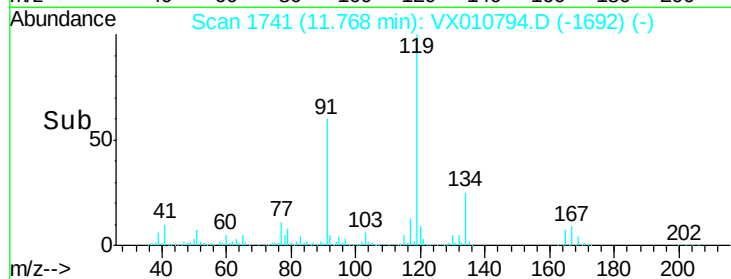
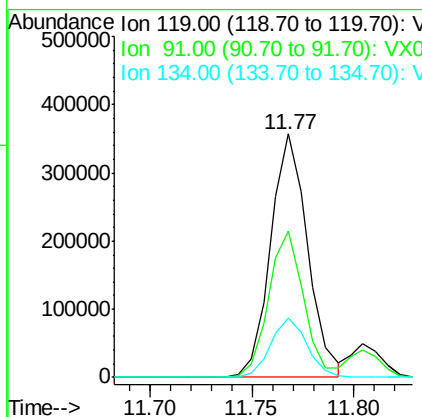
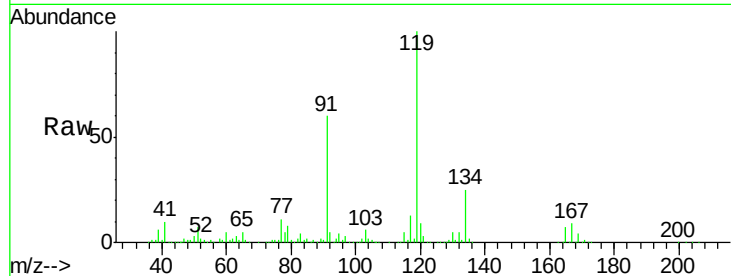
#83
 tert-Butylbenzene
 Concen: 49.090 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
119	100		
91	57.4	27.6	82.7
134	23.8	11.8	35.4

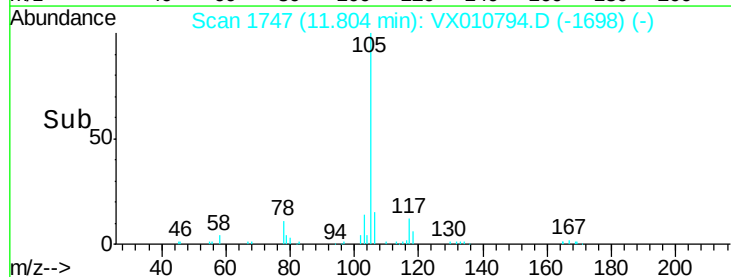
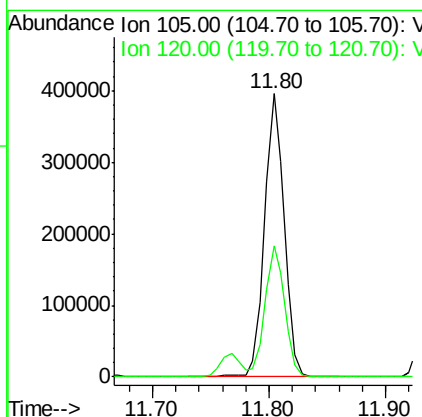
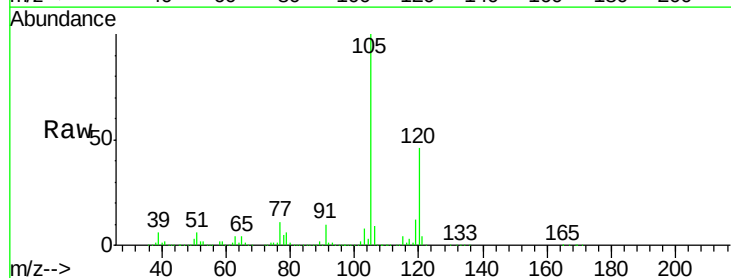
Manual Integrations
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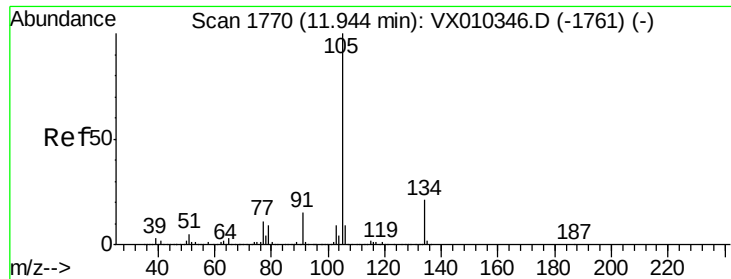
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#84
 1,2,4-Trimethylbenzene
 Concen: 50.644 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.3	23.1	69.2





#85

sec-Butylbenzene

Concen: 50.735 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 547963

Ion Ratio Lower Upper

105 100

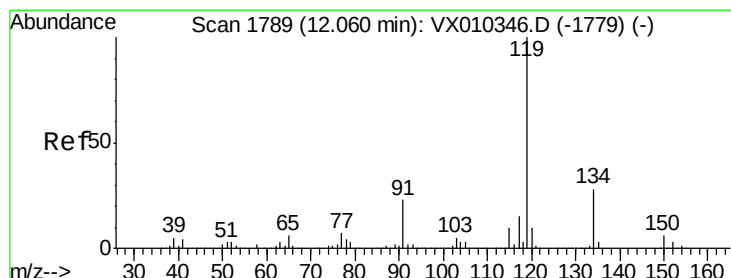
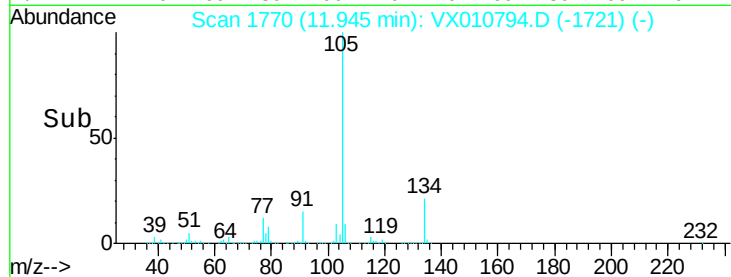
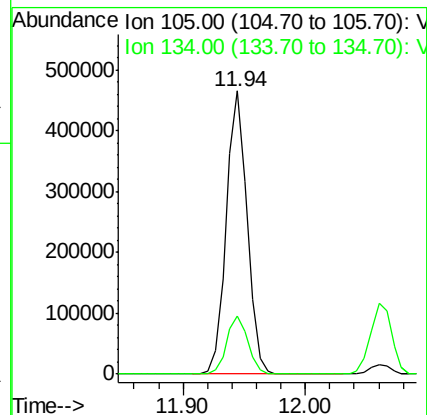
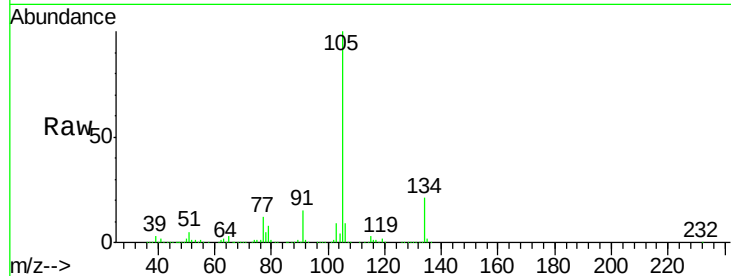
134 20.9 10.7 31.9

Manual Integrations

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#86

p-Isopropyltoluene

Concen: 51.290 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX010794.D

Acq: 11 Jul 2019 09:48

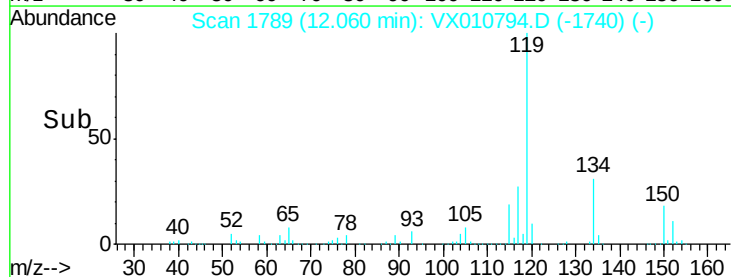
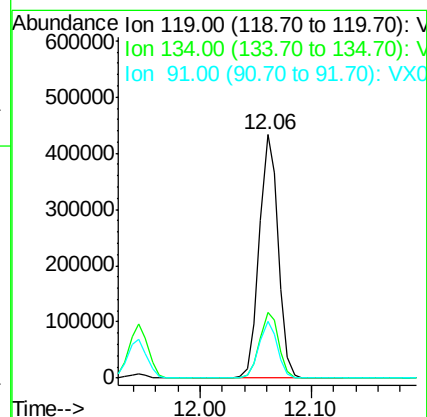
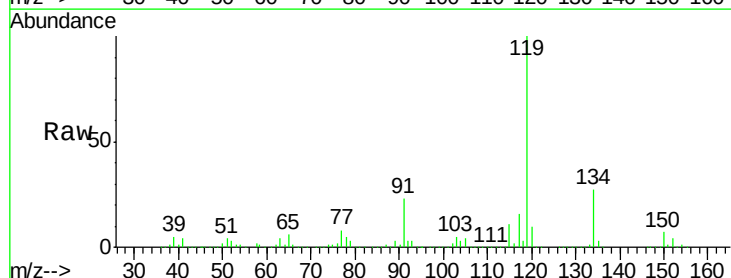
Tgt Ion:119 Resp: 512394

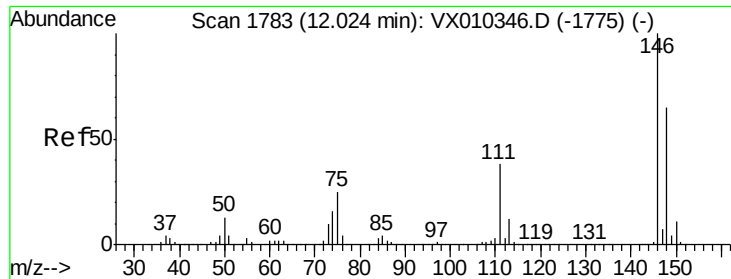
Ion Ratio Lower Upper

119 100

134 27.3 13.7 41.1

91 22.6 11.3 33.8





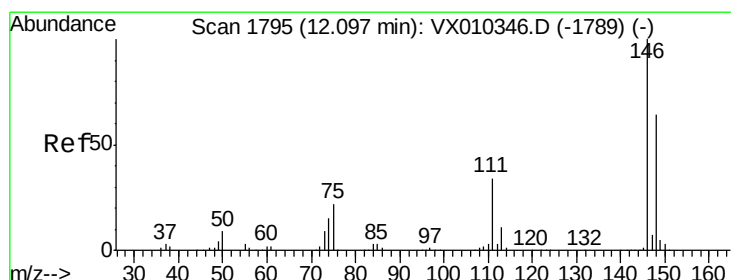
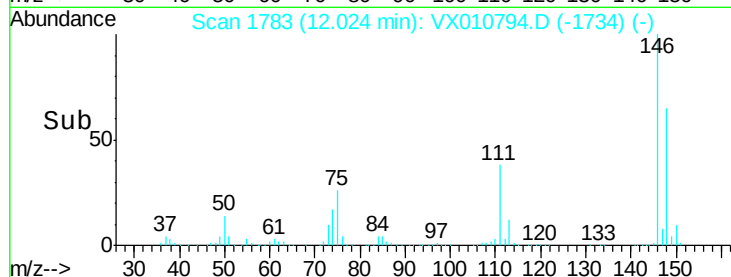
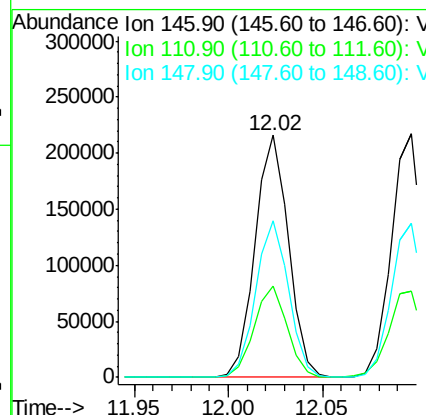
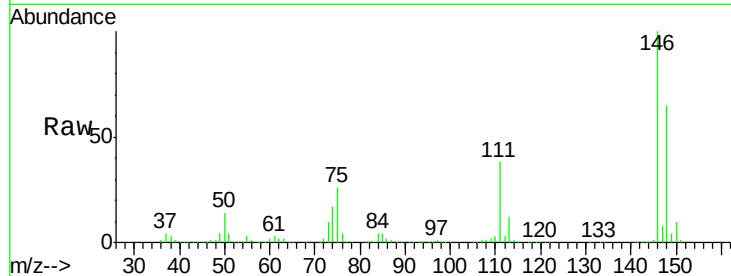
#87
 1,3-Dichlorobenzene
 Concen: 48.748 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampled :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.1	57.1
148	64.0	32.5	97.4

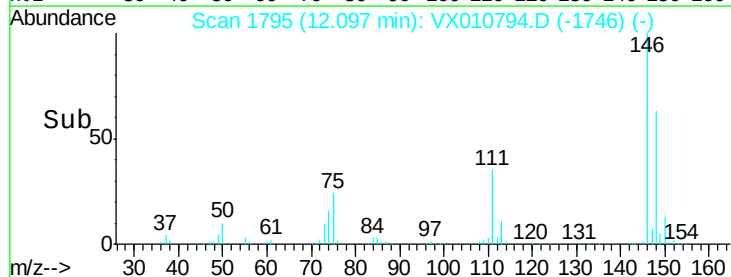
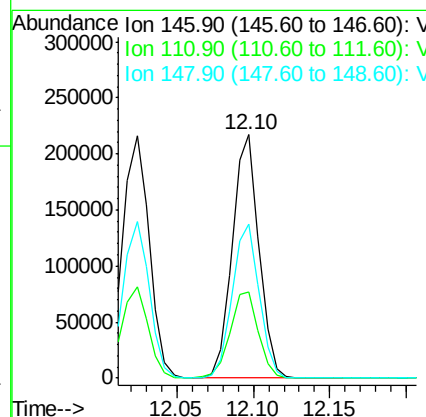
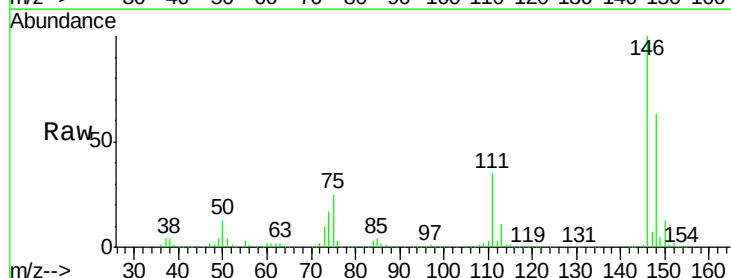
Manual Integrations
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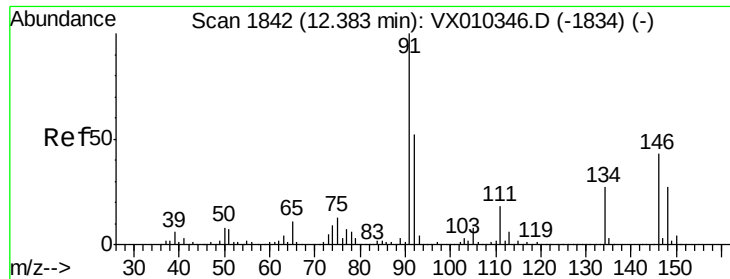
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#88
 1,4-Dichlorobenzene
 Concen: 47.375 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.1	54.3
148	64.0	32.1	96.3





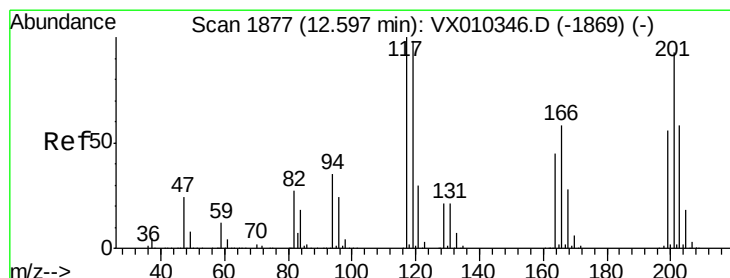
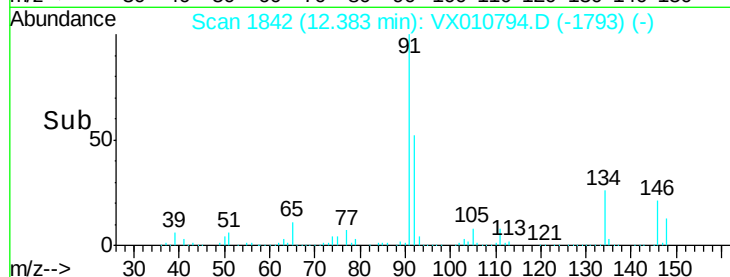
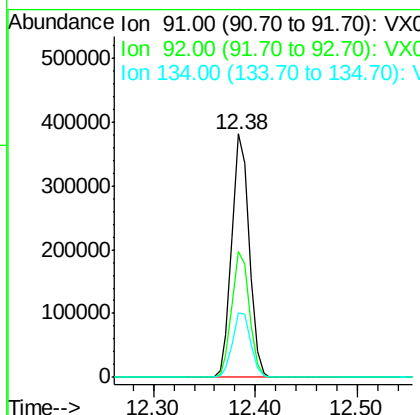
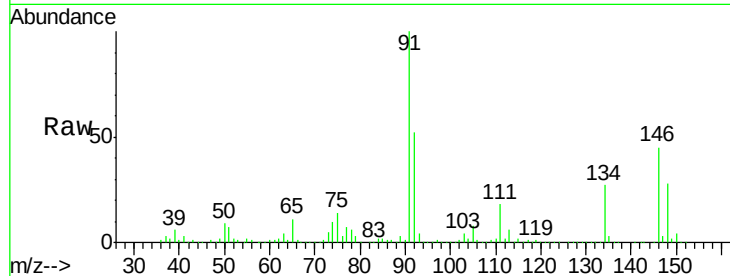
#89
n-Butylbenzene
Concen: 52.669 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.9	26.2	78.5
134	27.5	14.1	42.4

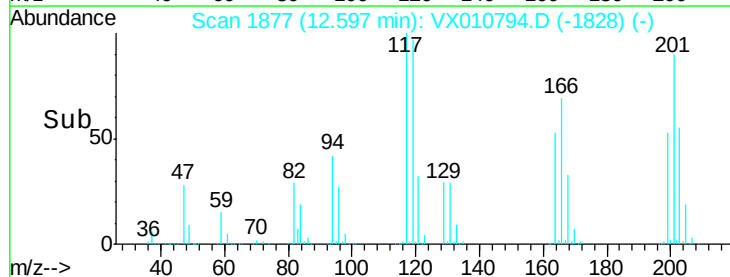
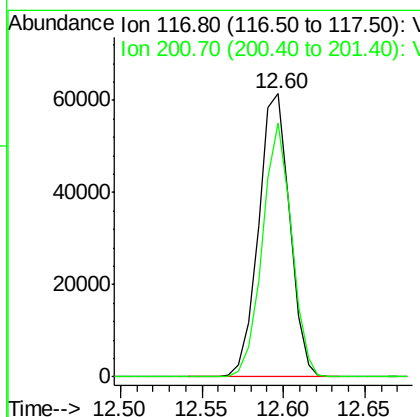
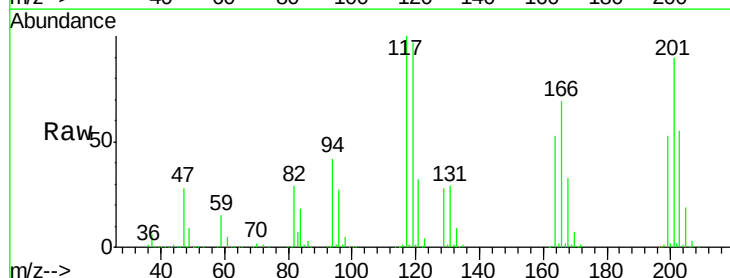
Manual Integrations
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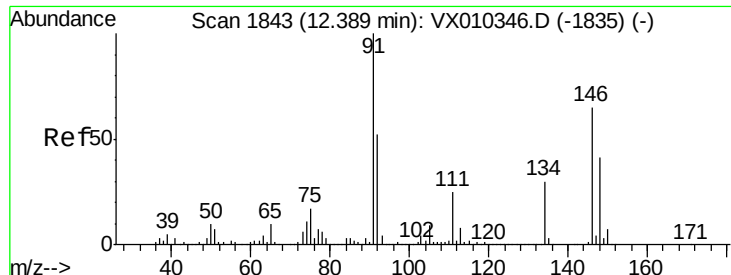
MMDadoda
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#90
Hexachloroethane
Concen: 47.037 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.8	44.0	131.8





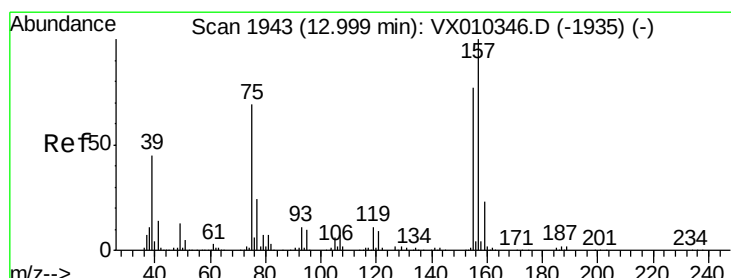
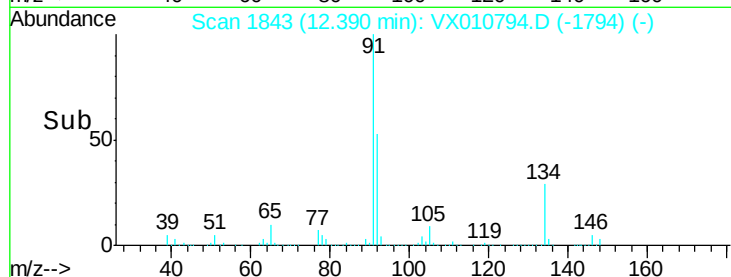
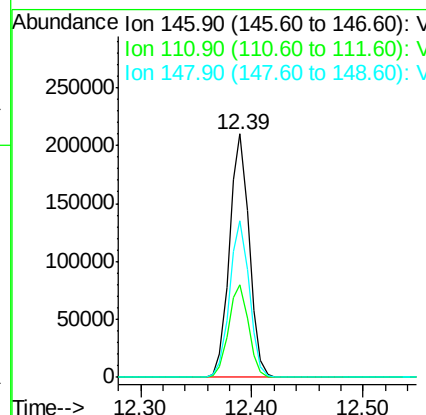
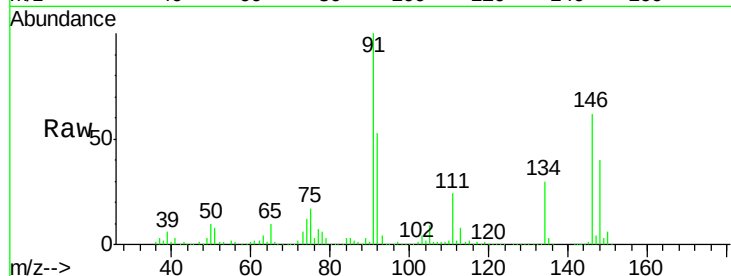
#91
 1,2-Dichlorobenzene
 Concen: 47.687 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
146	100	256816		
111	38.7	19.2	57.6	
148	64.2	32.0	96.0	

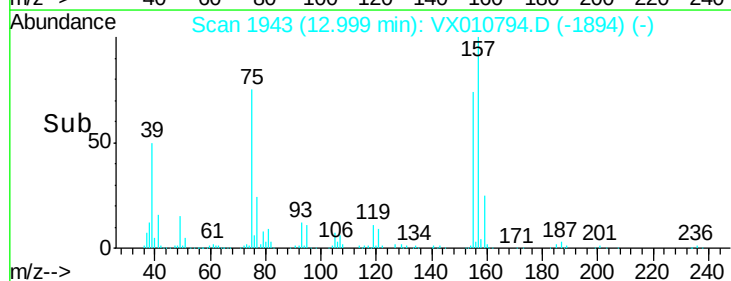
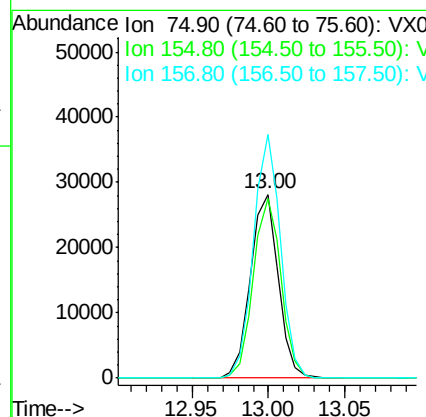
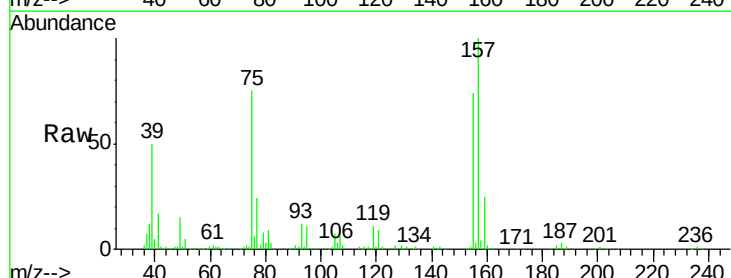
Manual Integrations
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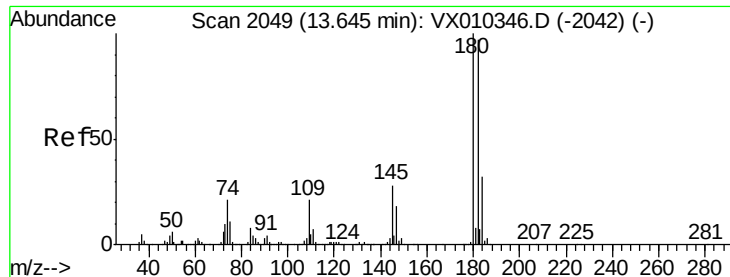
MMDadoda
 7/12/2019 12:22:07 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 44.849 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	35601		
155	97.6	54.4	163.1	
157	128.6	69.5	208.3	





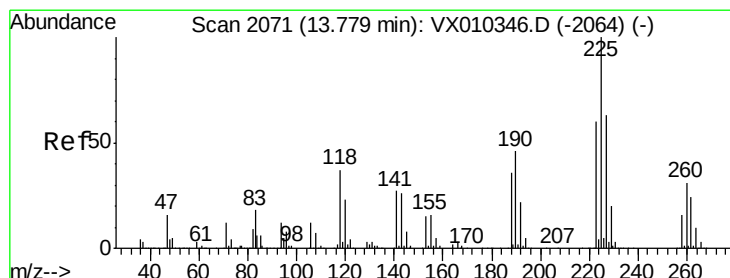
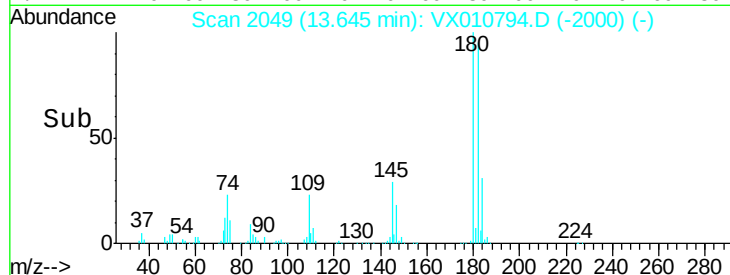
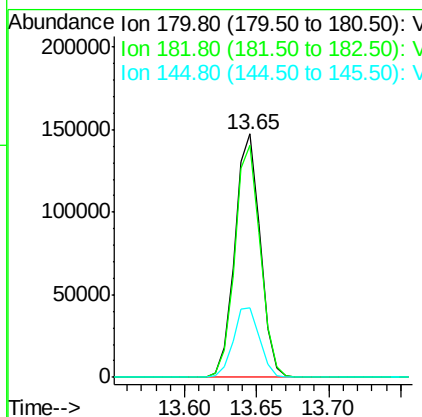
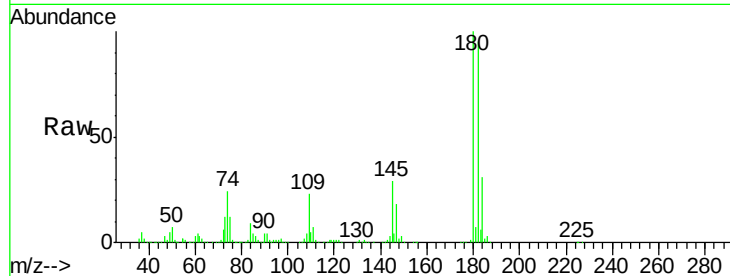
#93
 1,2,4-Trichlorobenzene
 Concen: 48.606 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	181533		
182	95.7	48.0	144.0	
145	29.9	14.4	43.4	

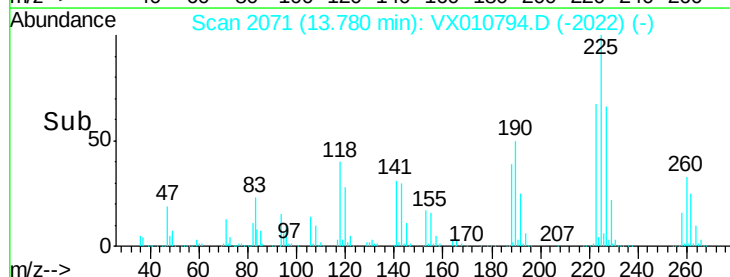
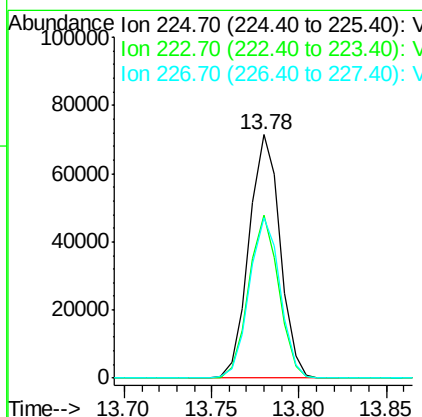
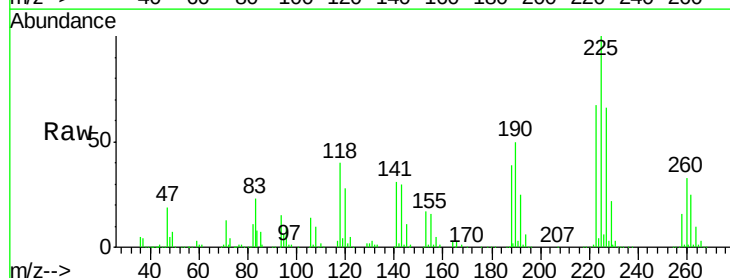
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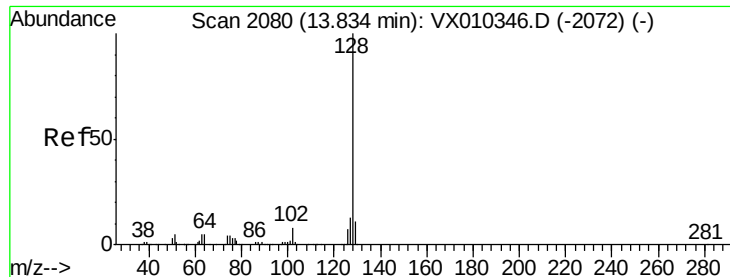
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 7/12/2019 12:22:07 PM



#94
 Hexachlorobutadiene
 Concen: 48.264 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX010794.D
 Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	88097		
223	64.7	30.9	92.7	
227	65.4	31.9	95.5	





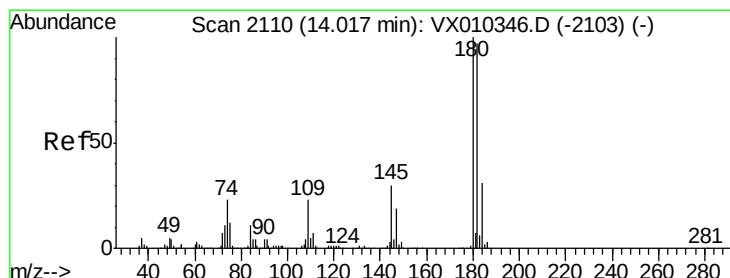
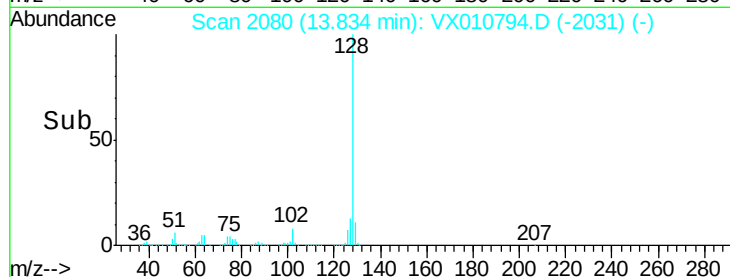
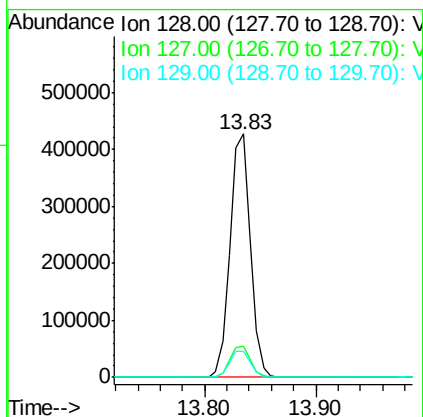
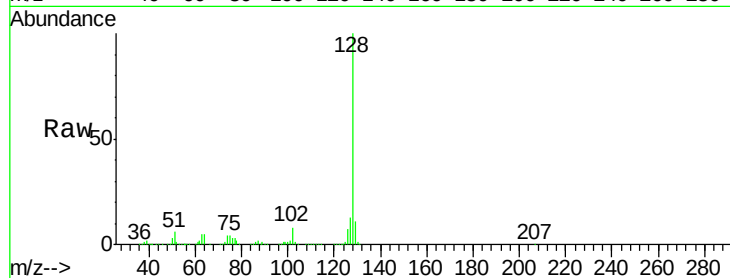
#95
Naphthalene
Concen: 46.947 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.2	8.9	13.3

Manual Integrations
APPROVED

MMDadoda
7/12/2019 12:22:07 PM



#96
1,2,3-Trichlorobenzene
Concen: 48.523 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. 0.00 min
Lab File: VX010794.D
Acq: 11 Jul 2019 09:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.8	143.3
145	30.3	15.2	45.6

