

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX093019\
 Data File : VX012721.D
 Acq On : 30 Sep 2019 21:23
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/1/2019 10:08:02 AM

Quant Time: Oct 01 05:00:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	170131	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	303627	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	274106	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	125210	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	123882	50.00	ug/l	0.00
Spiked Amount			Recovery	=	100.00%	
35) Dibromofluoromethane	5.49	113	93164	51.52	ug/l	0.00
Spiked Amount			Recovery	=	103.04%	
50) Toluene-d8	8.71	98	350776	50.37	ug/l	0.00
Spiked Amount			Recovery	=	100.74%	
62) 4-Bromofluorobenzene	11.14	95	137777	50.32	ug/l	0.00
Spiked Amount			Recovery	=	100.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	86623	45.259	ug/l	98
3) Chloromethane	1.32	50	99927	45.468	ug/l	98
4) Vinyl Chloride	1.40	62	104668	47.915	ug/l	98
5) Bromomethane	1.62	94	38513	44.841	ug/l	99
6) Chloroethane	1.70	64	65616	44.557	ug/l	99
7) Trichlorofluoromethane	1.92	101	146400	47.733	ug/l	100
8) Diethyl Ether	2.18	74	60439	48.086	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	90633	48.517	ug/l	97
10) Methyl Iodide	2.50	142	91553	46.866	ug/l	95
11) Tert butyl alcohol	3.04	59	158605	256.278	ug/l	99
12) 1,1-Dichloroethene	2.36	96	91228	49.873	ug/l	96
13) Acrolein	2.28	56	94184	272.243	ug/l	99
14) Allyl chloride	2.72	41	175647	48.399	ug/l	97
15) Acrylonitrile	3.13	53	316615	252.167	ug/l	98
16) Acetone	2.44	43	270578	206.194	ug/l	96
17) Carbon Disulfide	2.56	76	236098	46.040	ug/l	99
18) Methyl Acetate	2.76	43	152502	49.355	ug/l	97
19) Methyl tert-butyl Ether	3.19	73	350104	50.566	ug/l	97
20) Methylene Chloride	2.84	84	108257	48.775	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	99912	49.302	ug/l	91
22) Diisopropyl ether	3.84	45	351089	50.066	ug/l	98
23) Vinyl Acetate	3.80	43	1518906	246.991	ug/l	98
24) 1,1-Dichloroethane	3.69	63	189186	49.631	ug/l	98
25) 2-Butanone	4.66	43	439293	233.471	ug/l	97
26) 2,2-Dichloropropane	4.58	77	141379	41.702	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	116853	49.695	ug/l	93
28) Bromochloromethane	5.01	49	71796	51.873	ug/l	99
29) Tetrahydrofuran	5.12	42	284191	247.806	ug/l	97
30) Chloroform	5.20	83	191224	49.034	ug/l	99
31) Cyclohexane	5.57	56	166518	48.288	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	169854	49.143	ug/l	99
36) 1,1-Dichloropropene	5.79	75	140217	47.911	ug/l	98
37) Ethyl Acetate	4.82	43	168950	49.378	ug/l	99
38) Carbon Tetrachloride	5.78	117	144156	48.489	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165887	47.083	ug/l	98
40) Benzene	6.14	78	423188	49.145	ug/l	100
41) Methacrylonitrile	5.03	41	92067	47.958	ug/l	95
42) 1,2-Dichloroethane	6.18	62	158944	48.608	ug/l	99
43) Isopropyl Acetate	6.43	43	272337	47.596	ug/l	97
44) Trichloroethene	7.21	130	109000	49.515	ug/l	97
45) 1,2-Dichloropropane	7.51	63	109963	49.879	ug/l	99
46) Dibromomethane	7.65	93	73471	48.947	ug/l	97
47) Bromodichloromethane	7.89	83	149334	49.778	ug/l	98
48) Methyl methacrylate	7.76	41	132386	48.252	ug/l	94
49) 1,4-Dioxane	7.73	88	61695	991.401	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	857183	242.689	ug/l	96
52) Toluene	8.78	92	268272	49.569	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	161395	48.625	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177742	49.045	ug/l	93
55) 1,1,2-Trichloroethane	9.21	97	108979	50.648	ug/l	97
56) Ethyl methacrylate	9.17	69	180131	49.831	ug/l	93
57) 1,3-Dichloropropane	9.37	76	184948	49.112	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	414106	255.210	ug/l	99
59) 2-Hexanone	9.49	43	656286	242.749	ug/l	94
60) Dibromochloromethane	9.58	129	113550	52.132	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113177	50.541	ug/l	99
64) Tetrachloroethene	9.33	164	95862	50.160	ug/l	94
65) Chlorobenzene	10.14	112	278644	48.274	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104028	49.742	ug/l	98
67) Ethyl Benzene	10.25	91	512651	48.968	ug/l	98
68) m/p-Xylenes	10.35	106	384613	98.072	ug/l	100
69) o-Xylene	10.70	106	185023	48.758	ug/l	98
70) Styrene	10.71	104	324196	50.961	ug/l	99
71) Bromoform	10.85	173	75623	51.930	ug/l #	100
73) Isopropylbenzene	11.01	105	502850	49.309	ug/l	100
74) N-amyl acetate	10.89	43	238010	48.922	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	165621	49.038	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	162345m	49.016	ug/l	
77) Bromobenzene	11.25	156	114119	49.443	ug/l	99
78) n-propylbenzene	11.35	91	554622	48.307	ug/l	100
79) 2-Chlorotoluene	11.42	91	341194	47.639	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	422301	49.381	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52755	45.646	ug/l	97
82) 4-Chlorotoluene	11.51	91	403383	49.407	ug/l	99
83) tert-Butylbenzene	11.76	119	405586	49.166	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	426858	49.480	ug/l	100
85) sec-Butylbenzene	11.94	105	474218	49.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	436611	50.431	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	210530	50.686	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	208330	49.635	ug/l	99
89) n-Butylbenzene	12.39	91	372401	48.813	ug/l	99
90) Hexachloroethane	12.59	117	75067	48.634	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	208731	50.195	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42785	50.642	ug/l	98

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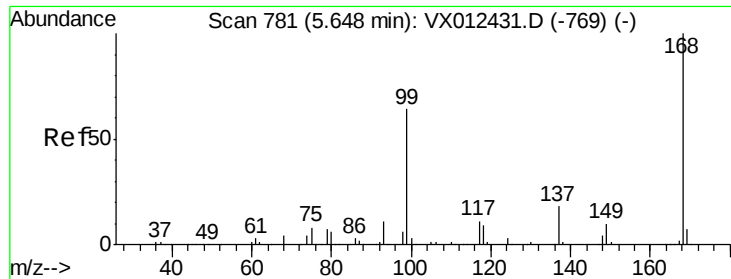
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	129577	51.095	ug/l	99
94) Hexachlorobutadiene	13.78	225	57181	52.412	ug/l	97
95) Naphthalene	13.83	128	481478	52.475	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	132776	52.266	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 170131

Ion Ratio Lower Upper

168 100

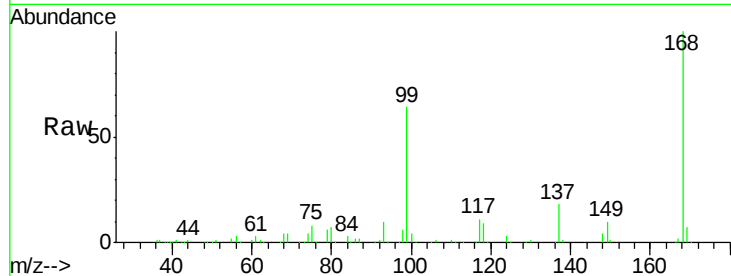
99 63.9 51.4 77.2

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

60000

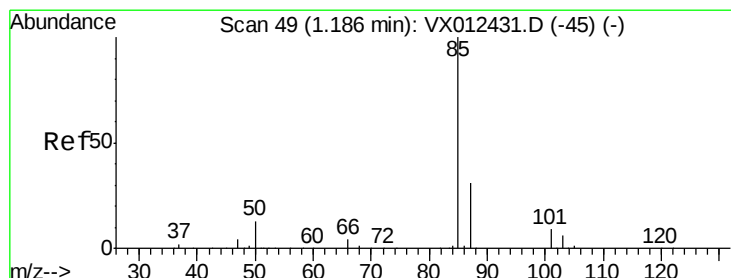
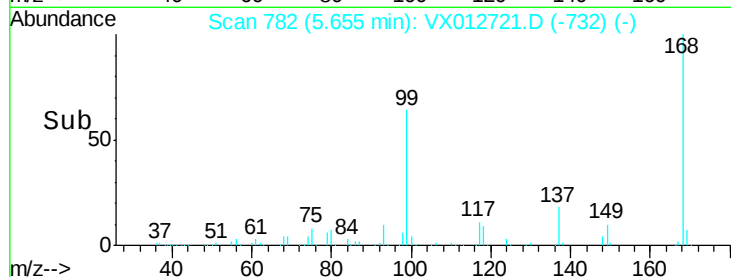
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 45.259 ug/l

RT: 1.19 min Scan# 49

Delta R.T. 0.00 min

Lab File: VX012721.D

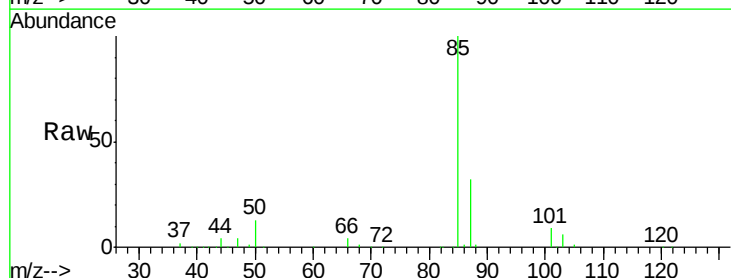
Acq: 30 Sep 2019 21:23

Tgt Ion: 85 Resp: 86623

Ion Ratio Lower Upper

85 100

87 32.2 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

80000

60000

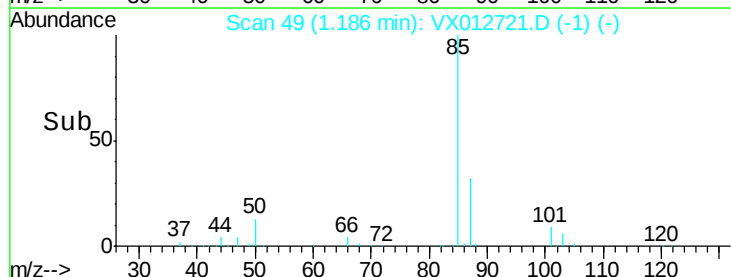
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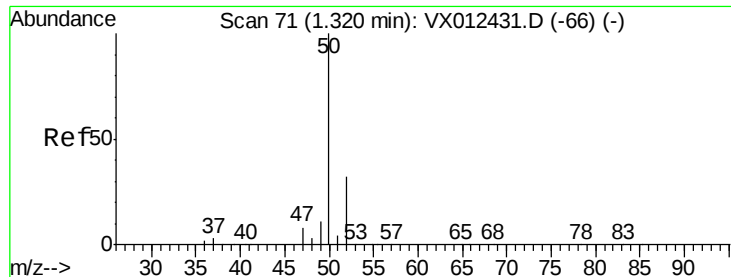
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.468 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 99927

Ion Ratio Lower Upper

50 100

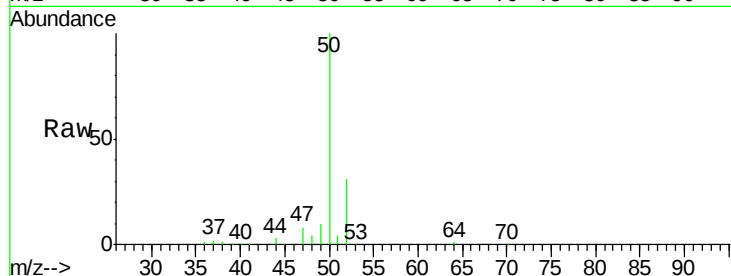
52 31.1 25.7 38.5

Manual Integrations

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.32

100000

80000

60000

40000

20000

0

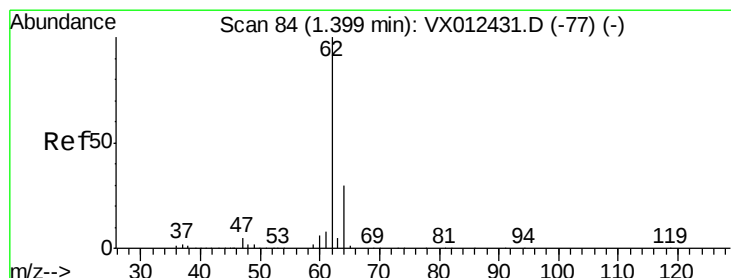
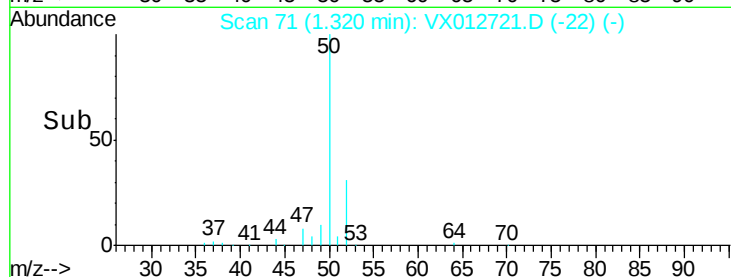
1.25

1.30

1.35

1.40

Time-->



#4

Vinyl Chloride

Concen: 47.915 ug/l

RT: 1.40 min Scan# 84

Delta R.T. 0.00 min

Lab File: VX012721.D

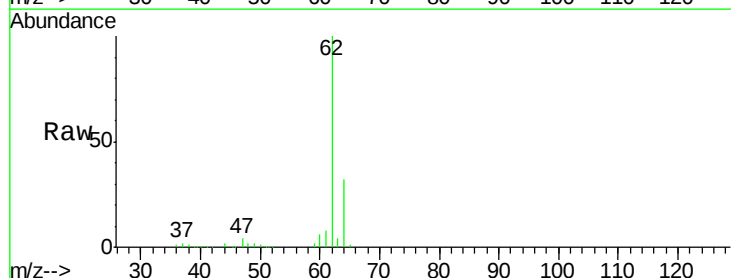
Acq: 30 Sep 2019 21:23

Tgt Ion: 62 Resp: 104668

Ion Ratio Lower Upper

62 100

64 31.3 24.2 36.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.40

120000

100000

80000

60000

40000

20000

0

1.30

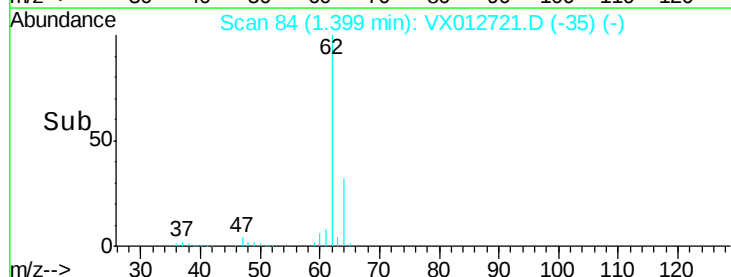
1.35

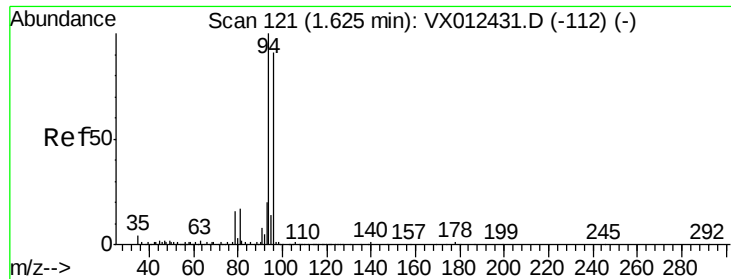
1.40

1.45

1.50

Time-->





#5

Bromomethane

Concen: 44.841 ug/l

RT: 1.62 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 38513

Ion Ratio Lower Upper

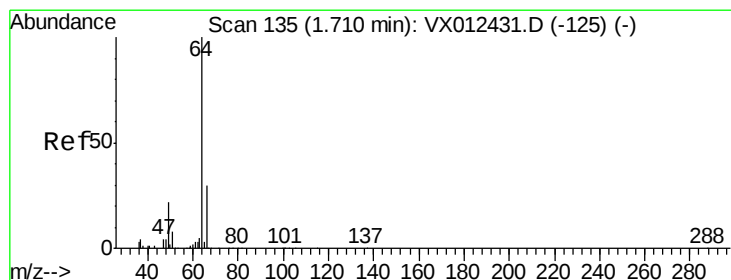
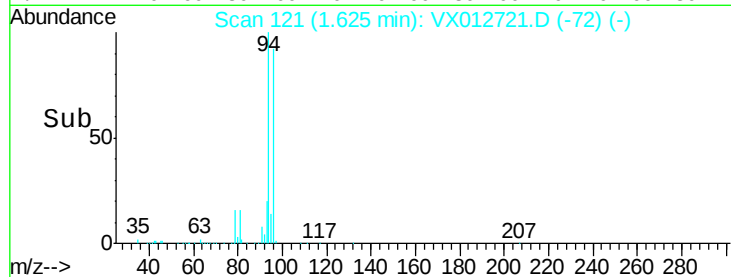
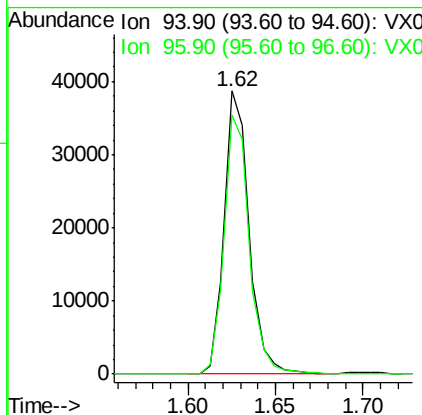
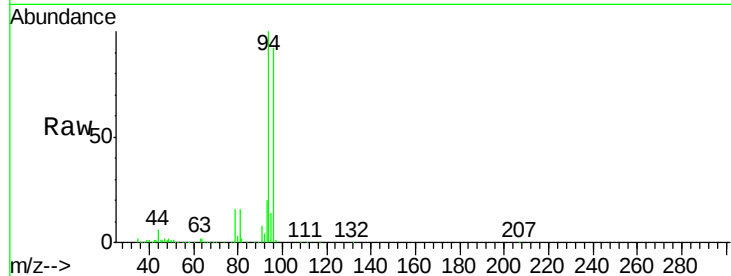
94 100

96 91.7 72.8 109.2

Manual Integrations
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10/1/2019 10:08:02 AM



#6

Chloroethane

Concen: 44.557 ug/l

RT: 1.70 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX012721.D

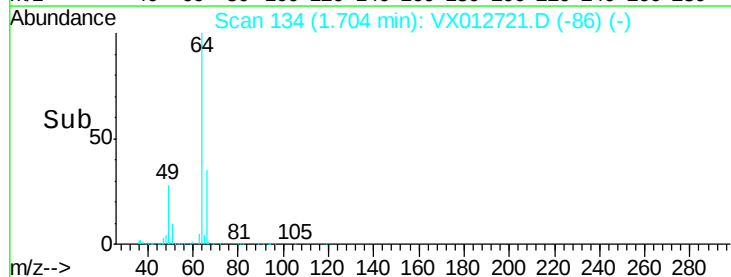
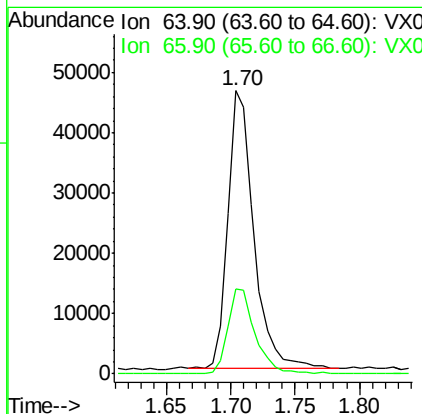
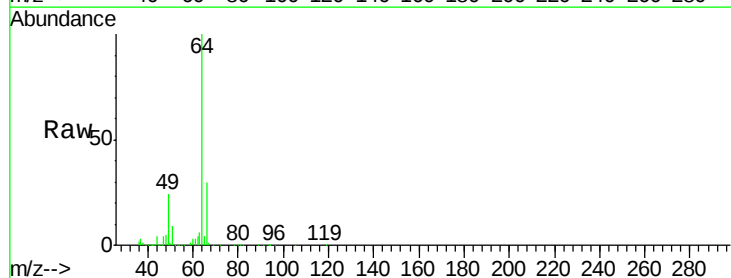
Acq: 30 Sep 2019 21:23

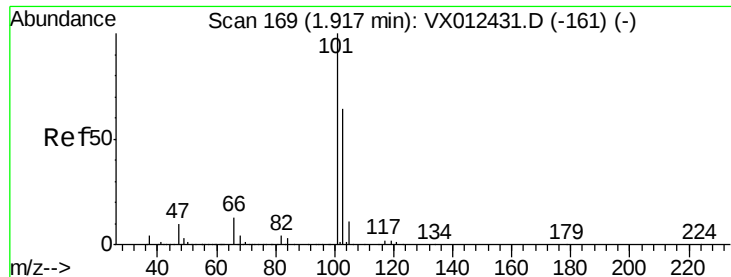
Tgt Ion: 64 Resp: 65616

Ion Ratio Lower Upper

64 100

66 30.3 24.0 36.0





#7

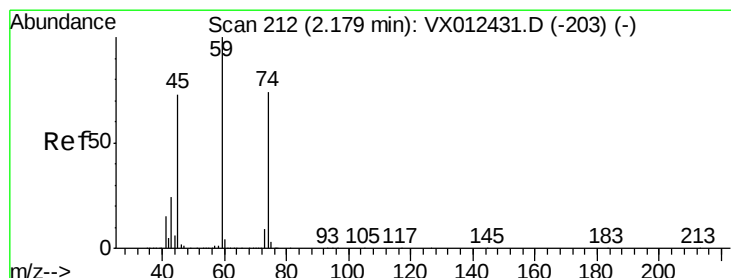
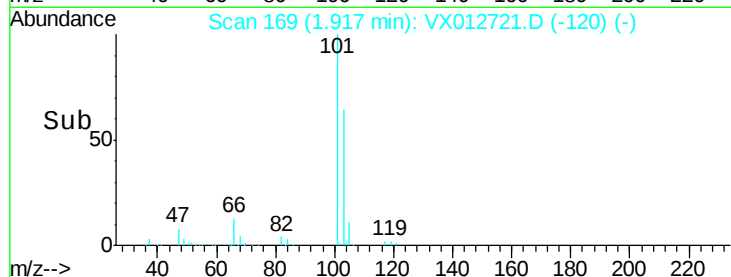
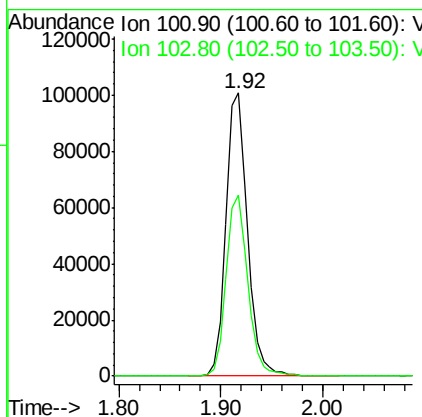
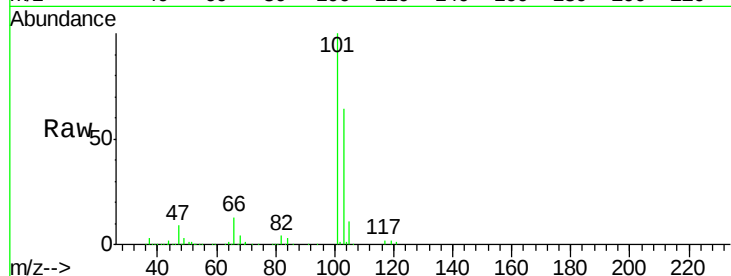
Trichlorofluoromethane
Concen: 47.733 ug/l
RT: 1.92 min Scan# 169
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	64.1	51.0	76.4

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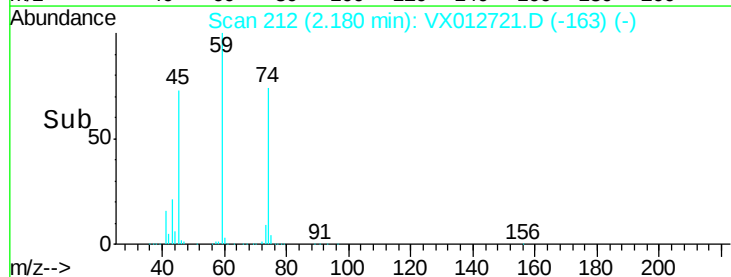
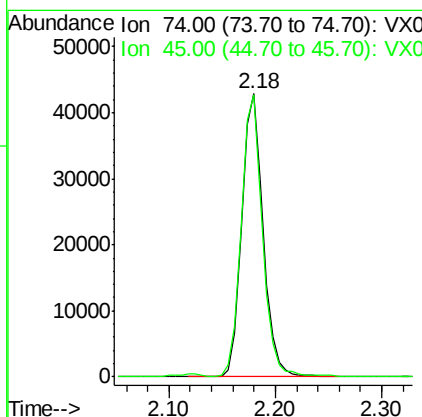
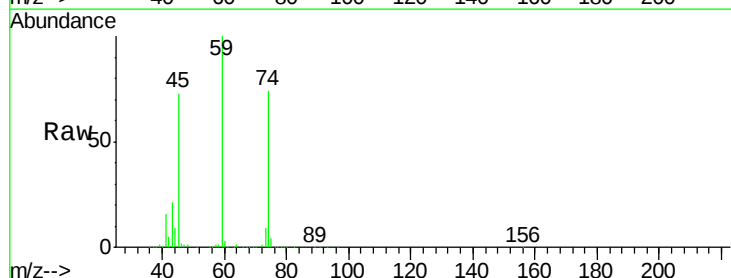
MMDadoda
10/1/2019 10:08:02 AM

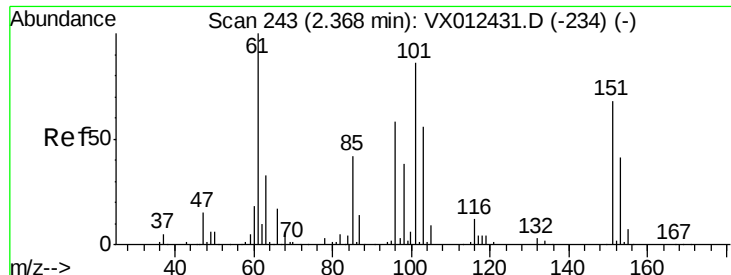


#8

Diethyl Ether
Concen: 48.086 ug/l
RT: 2.18 min Scan# 212
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
74	100		
45	98.3	49.9	149.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.517 ug/l

RT: 2.37 min Scan# 243

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

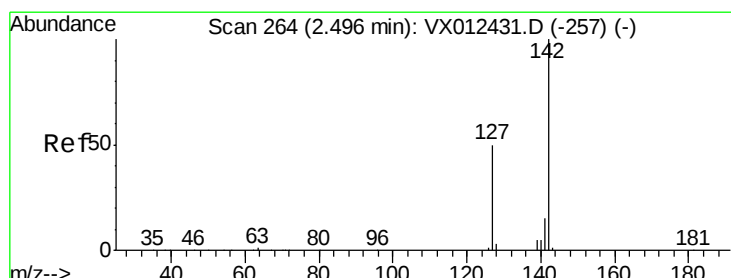
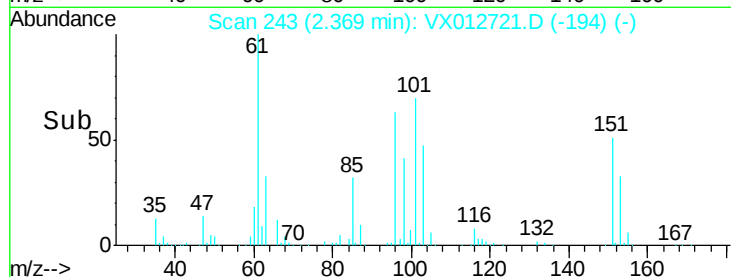
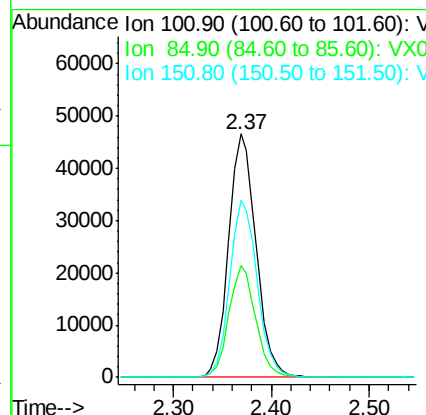
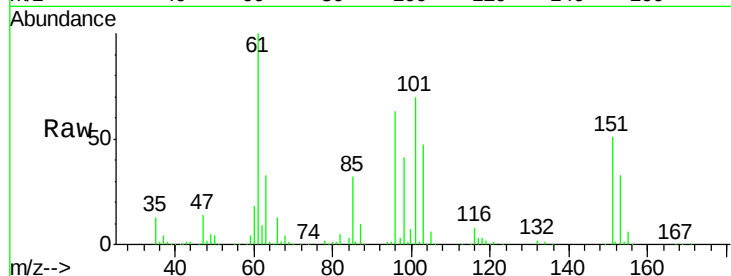
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	90633
Ion Ratio	Lower	Upper	
101	100		
85	44.8	37.3	55.9
151	72.8	61.0	91.4

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#10

Methyl Iodide

Concen: 46.866 ug/l

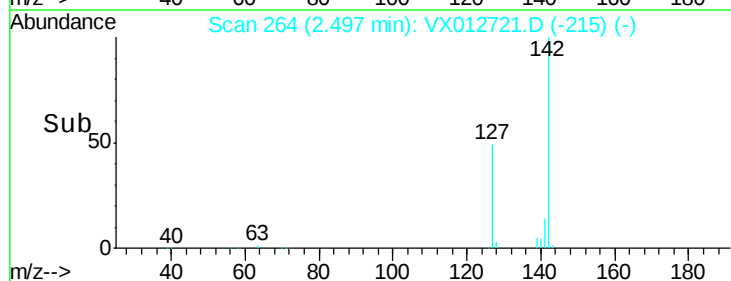
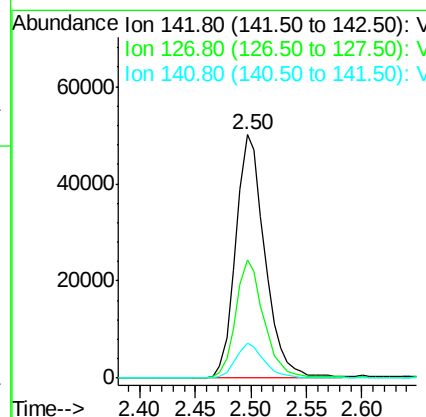
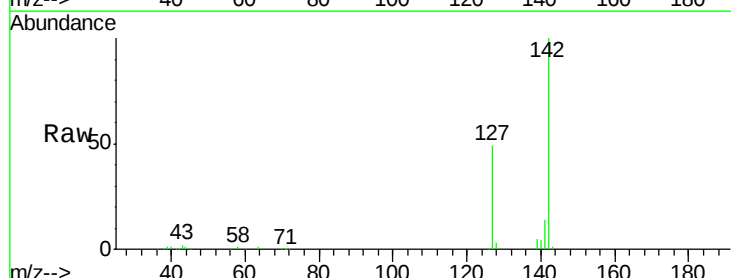
RT: 2.50 min Scan# 264

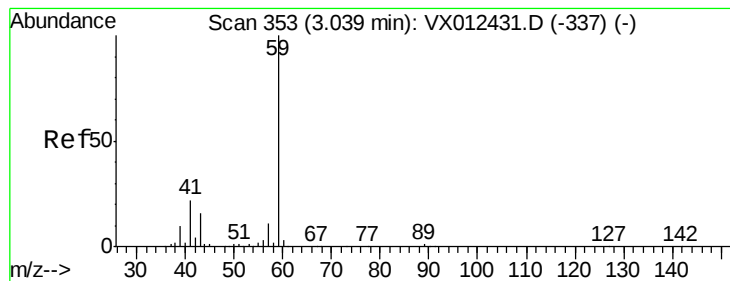
Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion:	142	Resp:	91553
Ion Ratio	Lower	Upper	
142	100		
127	47.4	40.8	61.2
141	14.0	12.1	18.1





#11

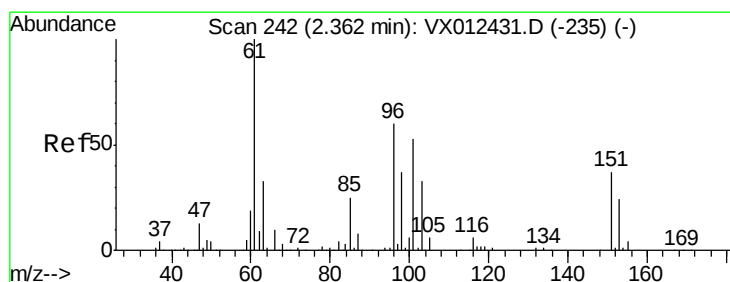
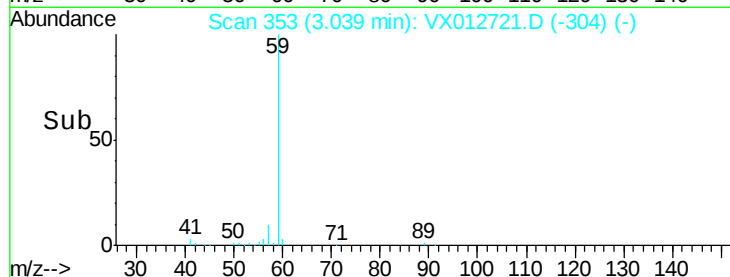
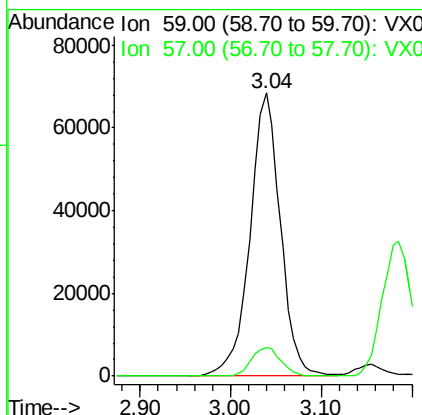
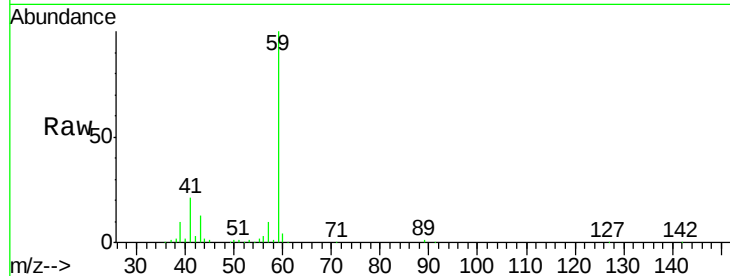
Tert butyl alcohol
 Concen: 256.278 ug/l
 RT: 3.04 min Scan# 353
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
59	100	158605		
57	9.9		8.3	12.5

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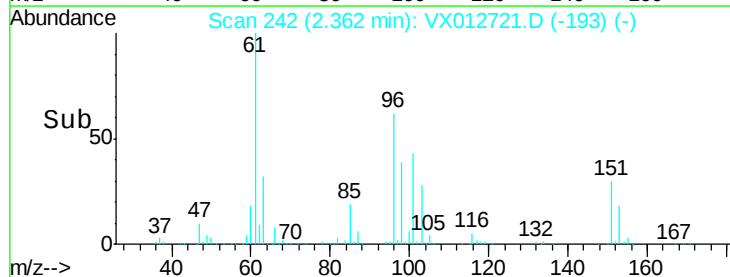
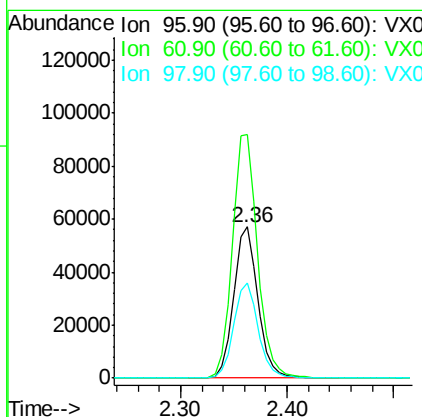
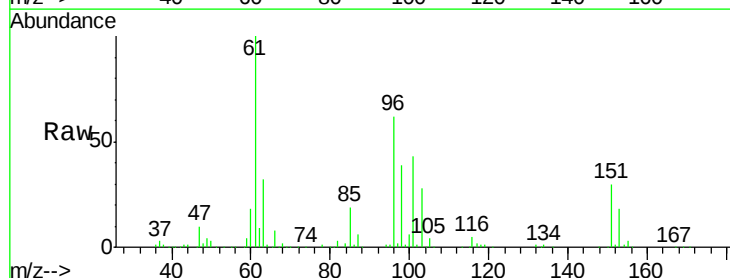
MMDadoda
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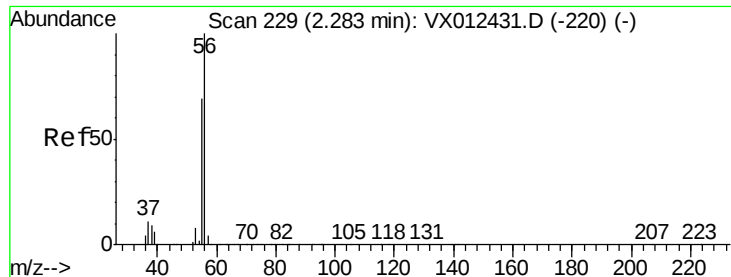


#12

1,1-Dichloroethene
 Concen: 49.873 ug/l
 RT: 2.36 min Scan# 242
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
96	100	91228		
61	160.9		133.8	200.6
98	62.8		49.9	74.9





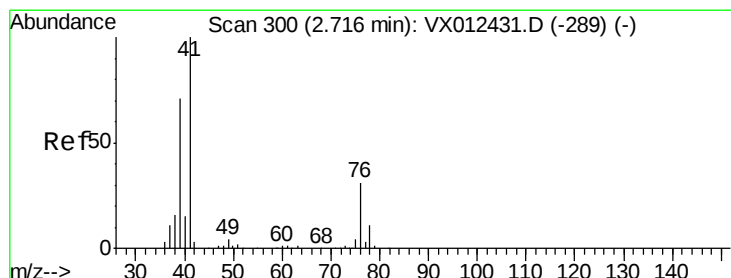
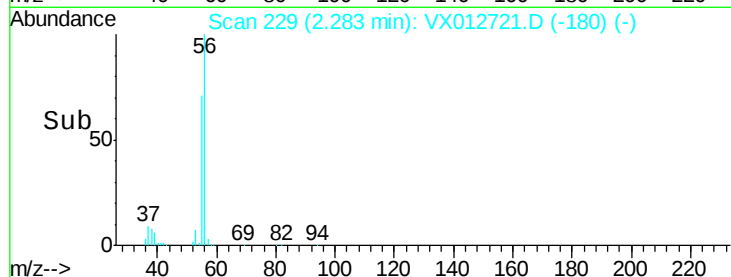
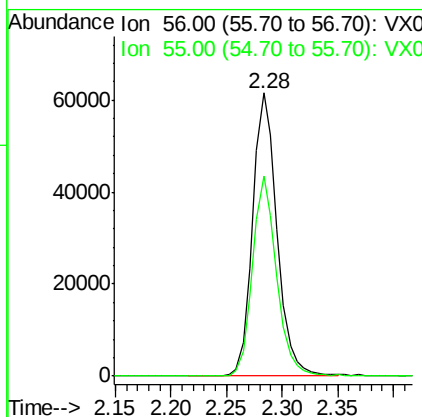
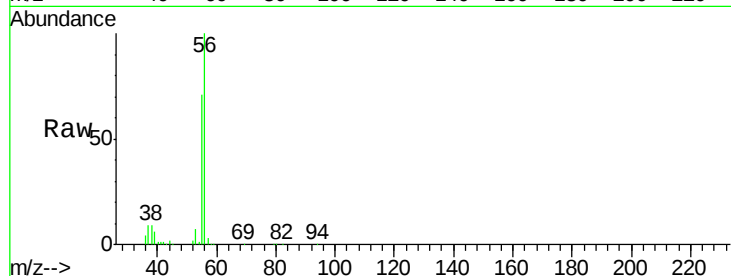
#13
Acrolein
Concen: 272.243 ug/l
RT: 2.28 min Scan# 229
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
55	69.3	55.8	83.8

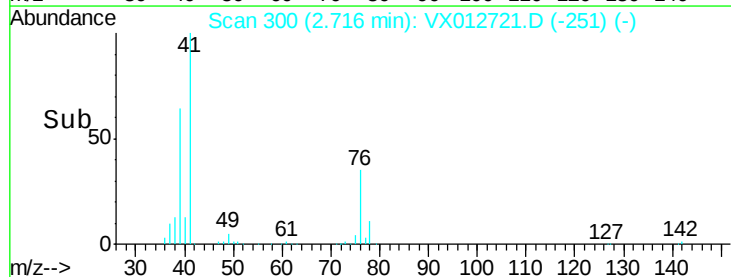
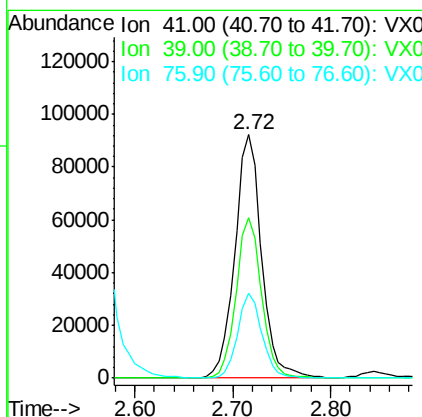
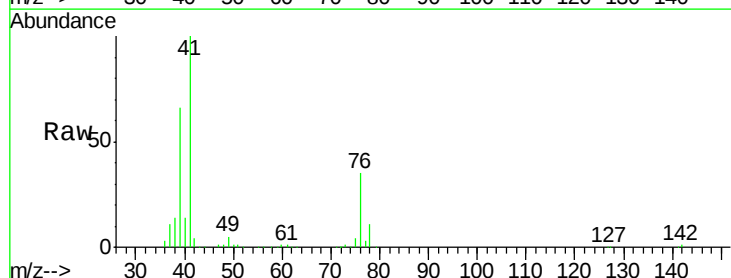
Manual Integrations
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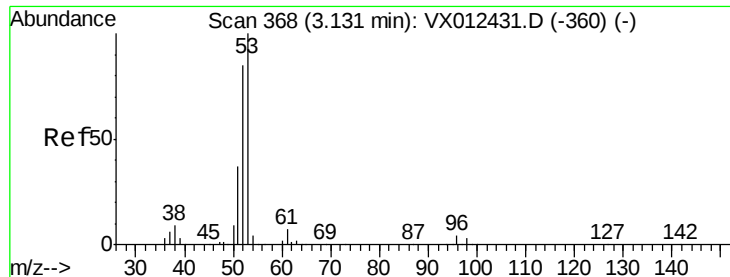
MMDadoda
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#14
Allyl chloride
Concen: 48.399 ug/l
RT: 2.72 min Scan# 300
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
41	100		
39	62.8	51.3	76.9
76	31.8	22.6	33.8





#15

Acrylonitrile

Concen: 252.167 ug/l

RT: 3.13 min Scan# 368

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

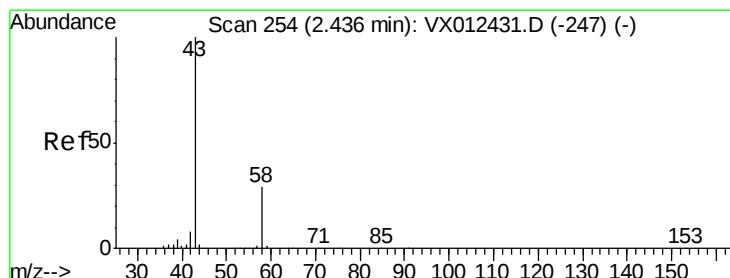
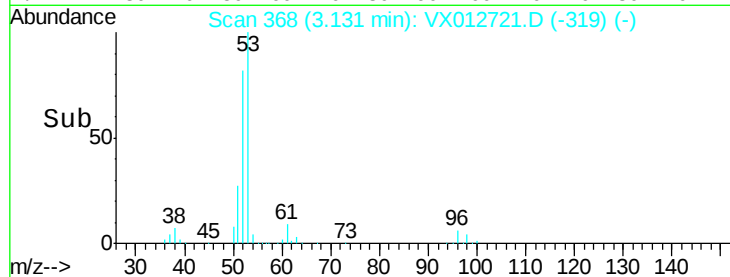
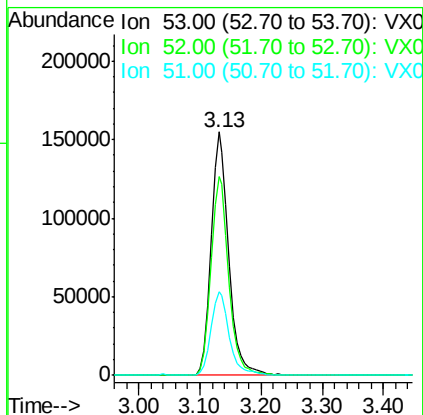
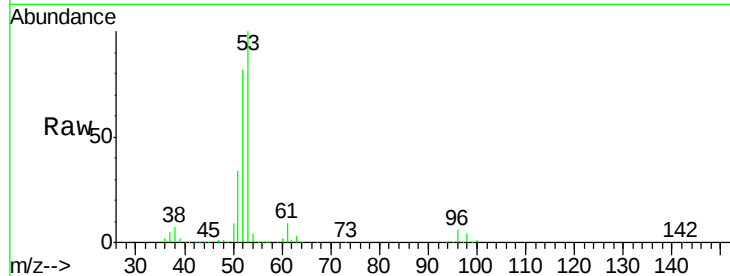
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	316615
Ion	Ratio	Lower	Upper
53	100		
52	82.5	67.0	100.4
51	35.6	29.6	44.4

Manual Integrations
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#16

Acetone

Concen: 206.194 ug/l

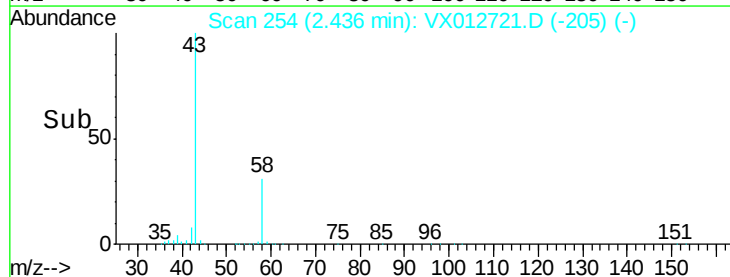
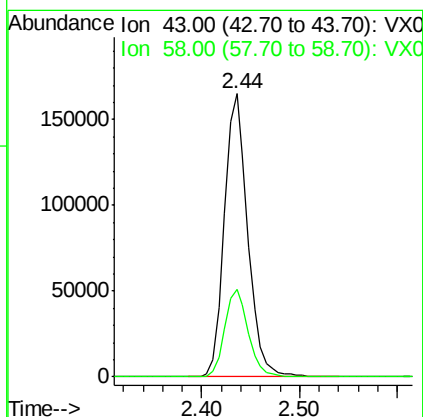
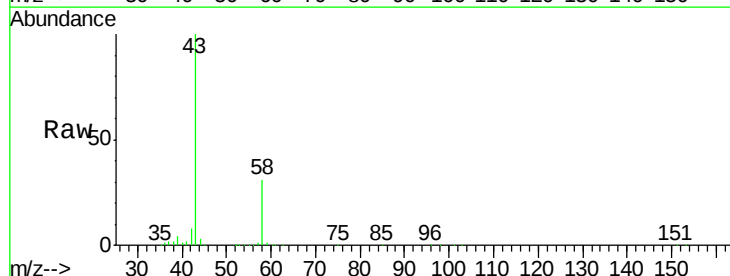
RT: 2.44 min Scan# 254

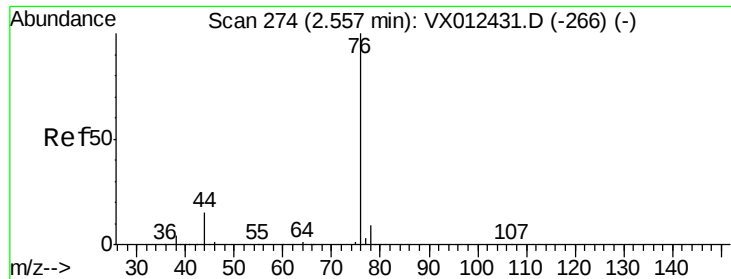
Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion:	43	Resp:	270578
Ion	Ratio	Lower	Upper
43	100		
58	31.2	23.3	34.9





#17

Carbon Disulfide

Concen: 46.040 ug/l

RT: 2.56 min Scan# 274

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tot Ion: 76 Resp: 236098

Ion Ratio Lower Upper

76 100

78 8.6 7.3 10.9

Instrument :

MSVOA_X

ClientSampleId :

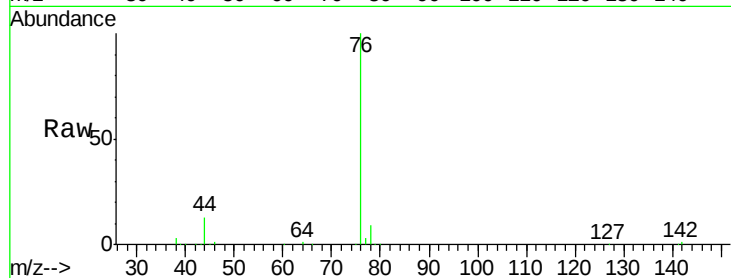
VSTDCCC050EC

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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.56

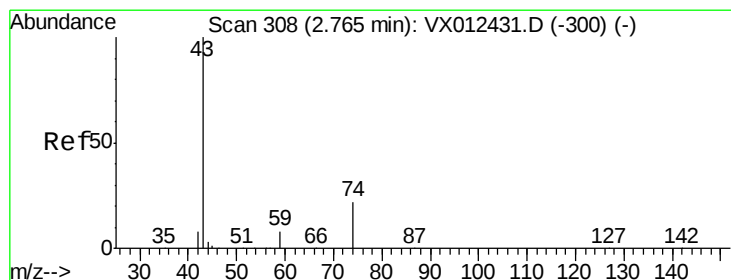
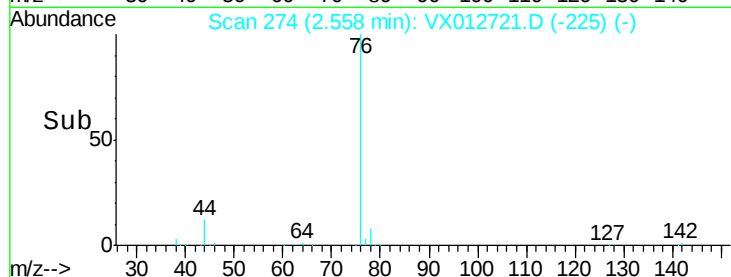
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 49.355 ug/l

RT: 2.76 min Scan# 308

Delta R.T. 0.00 min

Lab File: VX012721.D

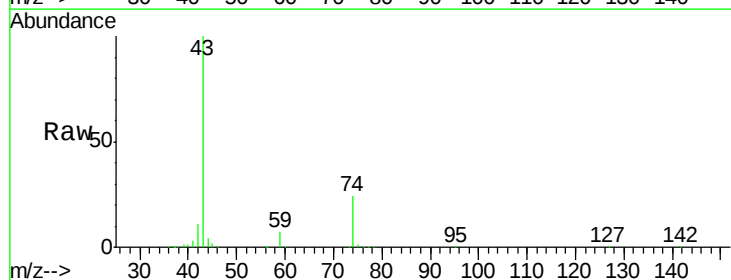
Acq: 30 Sep 2019 21:23

Tgt Ion: 43 Resp: 152502

Ion Ratio Lower Upper

43 100

74 23.4 17.7 26.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.76

100000

80000

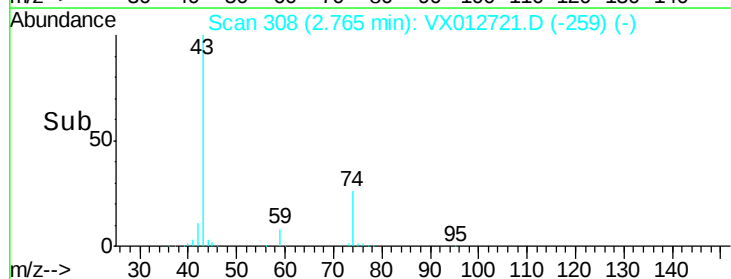
60000

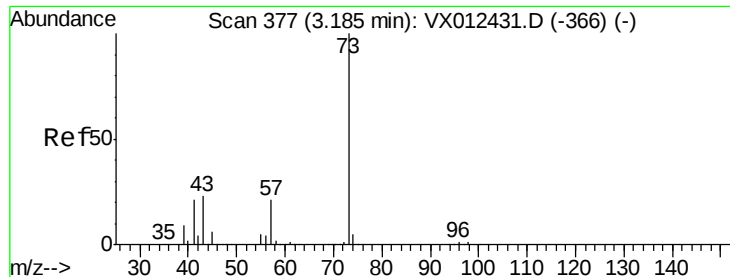
40000

20000

0

Time-->





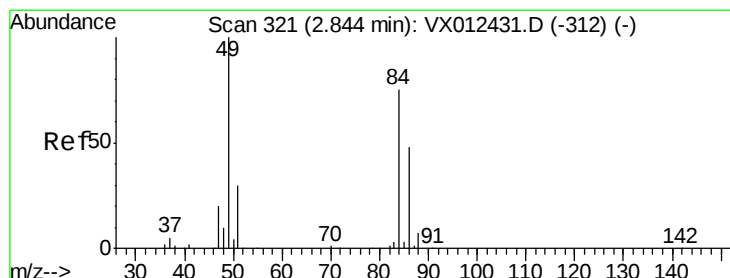
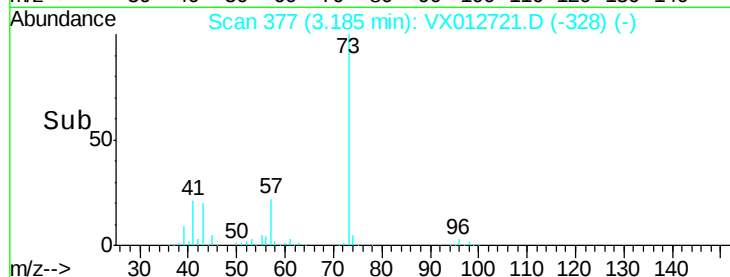
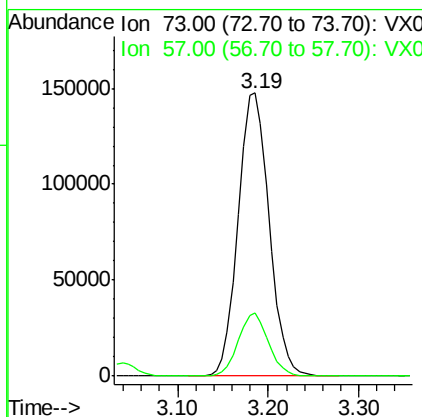
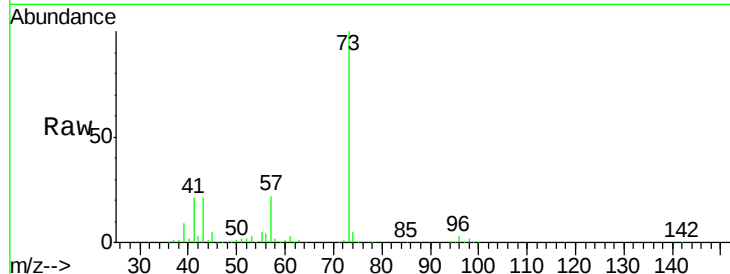
#19
Methvl tert-butvl Ether
Concen: 50.566 ug/l
RT: 3.19 min Scan# 377
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	22.2	16.8	25.2

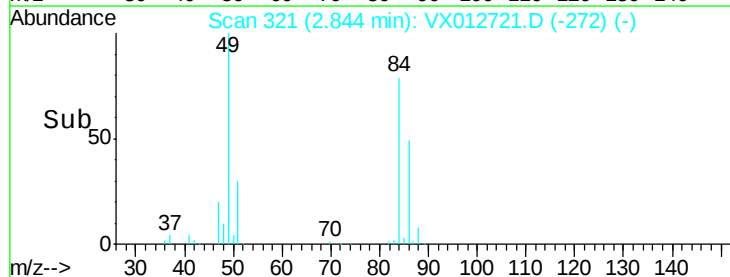
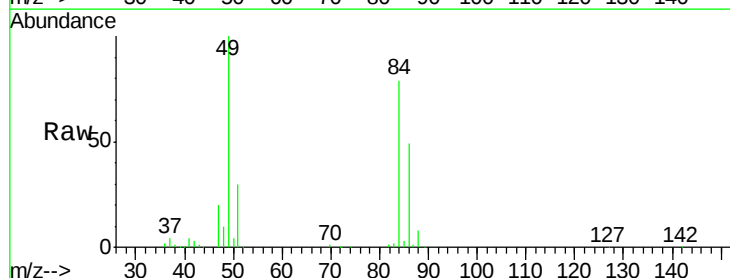
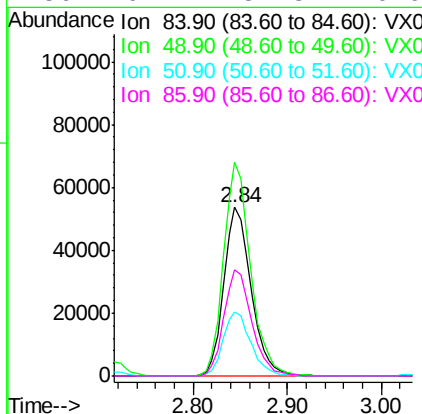
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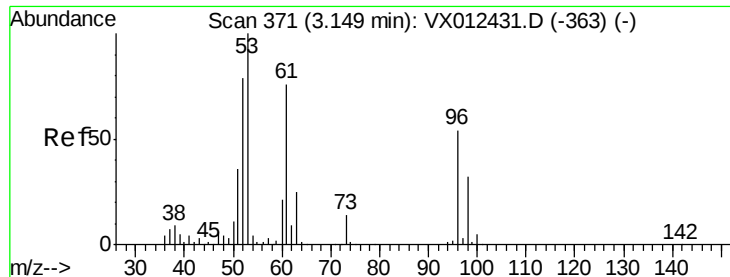
MMDadoda
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#20
Methylene Chloride
Concen: 48.775 ug/l
RT: 2.84 min Scan# 321
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
84	100		
49	126.8	106.8	160.2
51	37.9	32.3	48.5
86	62.7	51.3	76.9





#21

trans-1,2-Dichloroethene

Concen: 49.302 ug/l

RT: 3.15 min Scan# 372

Delta R.T. 0.01 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 99912

Ion Ratio Lower Upper

96 100

61 149.3 112.0 168.0

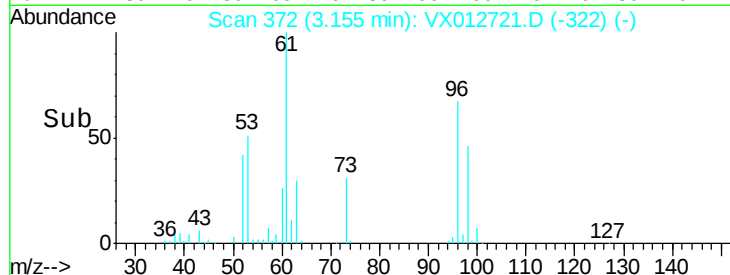
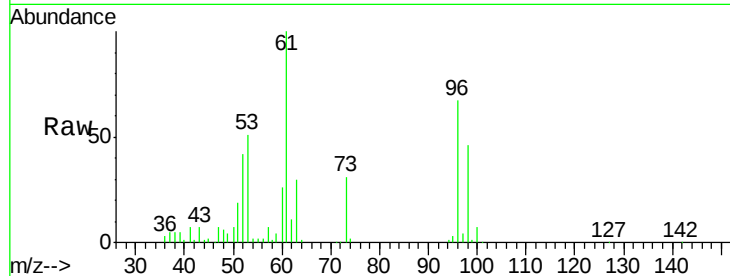
98 68.4 47.8 71.8

Manual Integrations

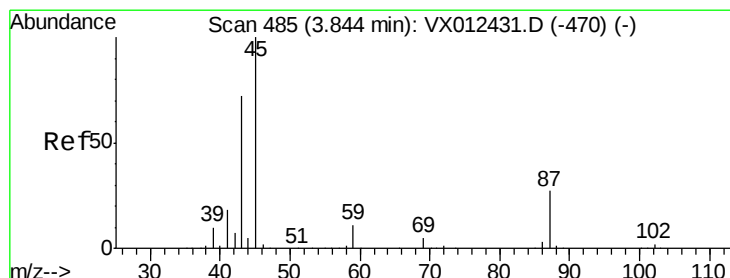
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Time-->



#22

Diisopropyl ether

Concen: 50.066 ug/l

RT: 3.84 min Scan# 485

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion: 45 Resp: 351089

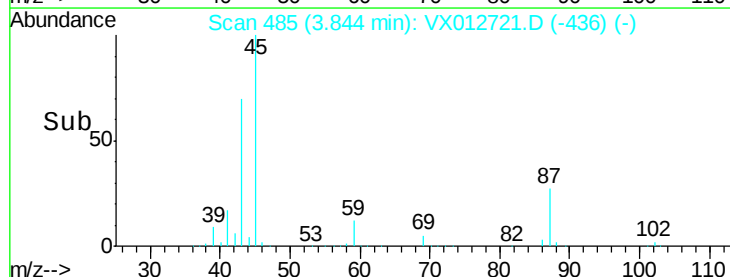
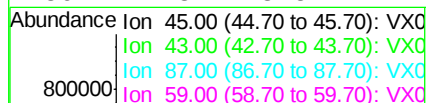
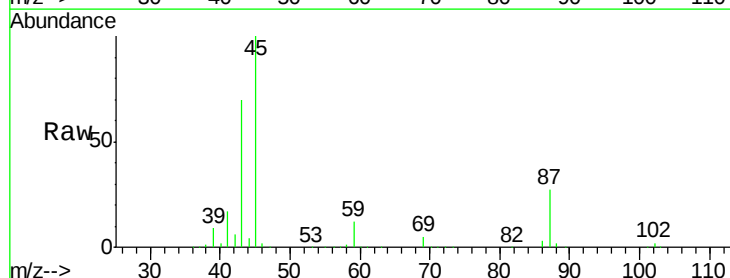
Ion Ratio Lower Upper

45 100

43 70.0 57.8 86.8

87 26.6 21.3 31.9

59 11.8 8.5 12.7



Time-->



#23

Vinyl Acetate

Concen: 246.991 ug/l

RT: 3.80 min Scan# 478

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1518906

Ion Ratio Lower Upper

43 100

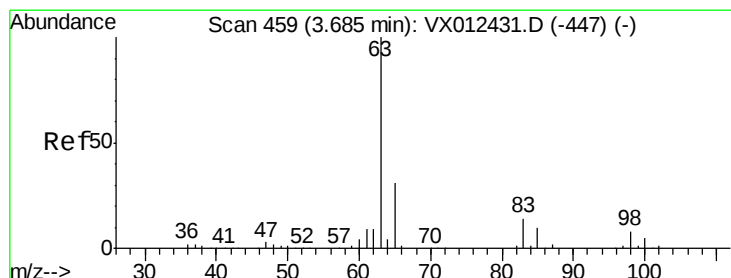
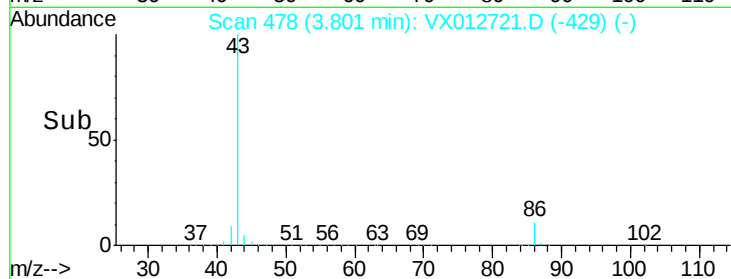
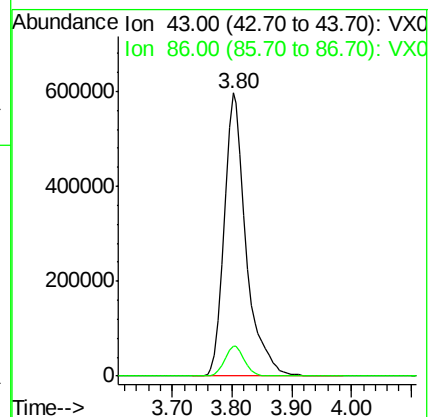
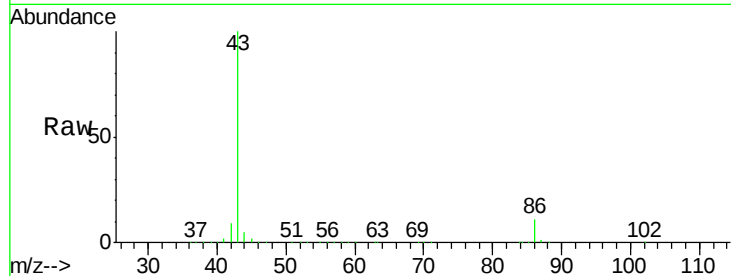
86 10.6 7.8 11.8

Manual Integrations

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#24

1,1-Dichloroethane

Concen: 49.631 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

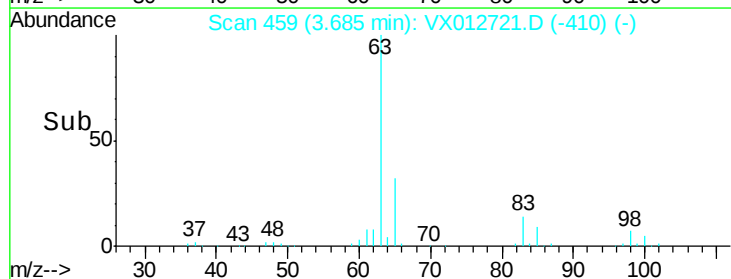
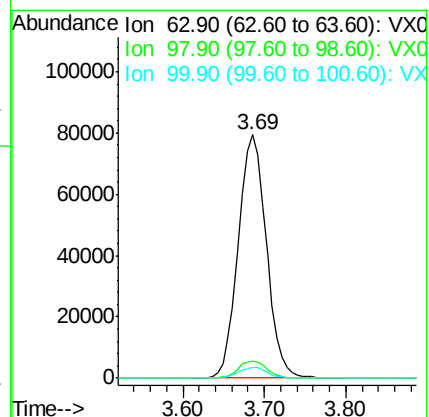
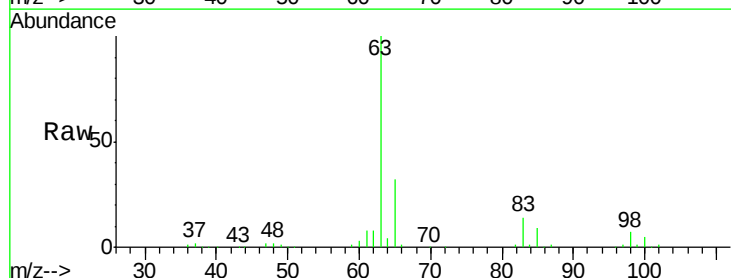
Tgt Ion: 63 Resp: 189186

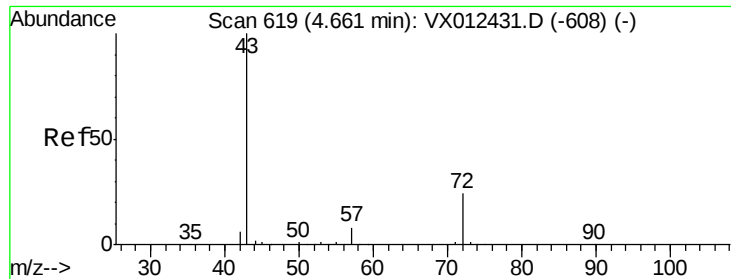
Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.7

100 4.6 2.3 6.9





#25

2-Butanone

Concen: 233.471 ug/l

RT: 4.66 min Scan# 619

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 439293

Ion Ratio Lower Upper

43 100

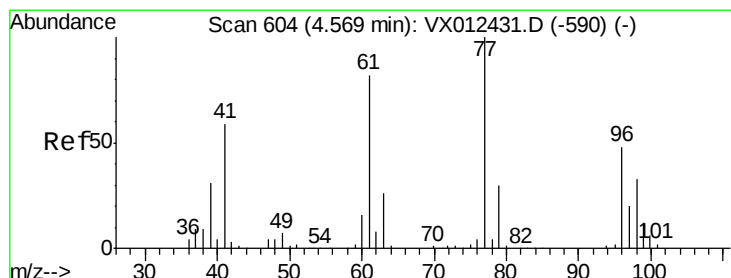
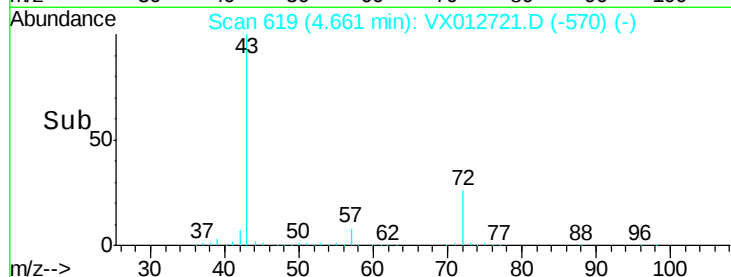
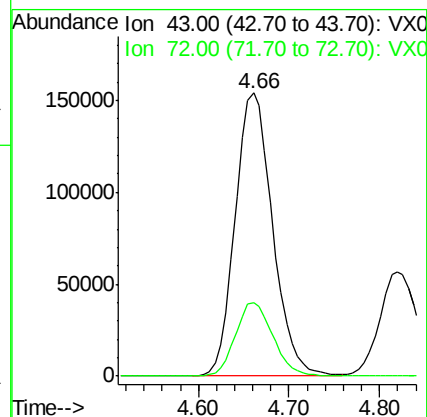
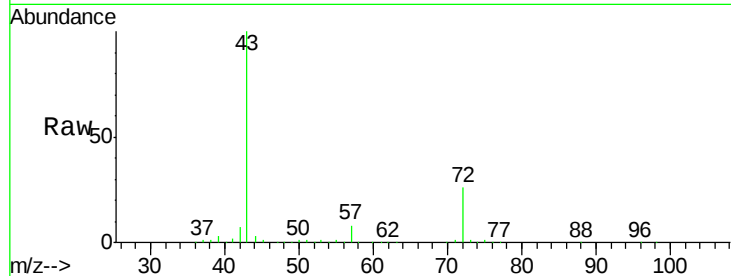
72 25.7 19.2 28.8

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 41.702 ug/l

RT: 4.58 min Scan# 605

Delta R.T. 0.01 min

Lab File: VX012721.D

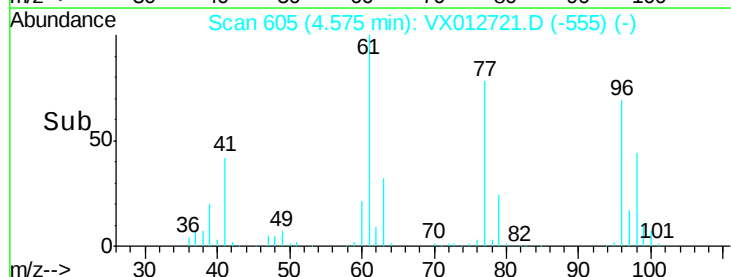
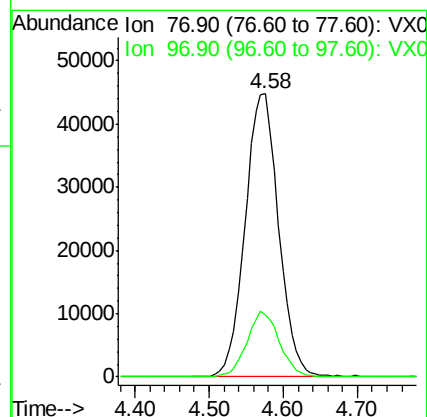
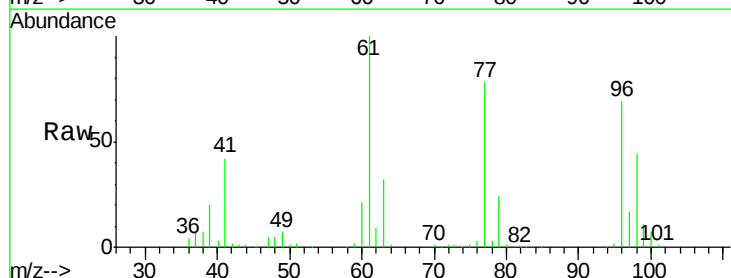
Acq: 30 Sep 2019 21:23

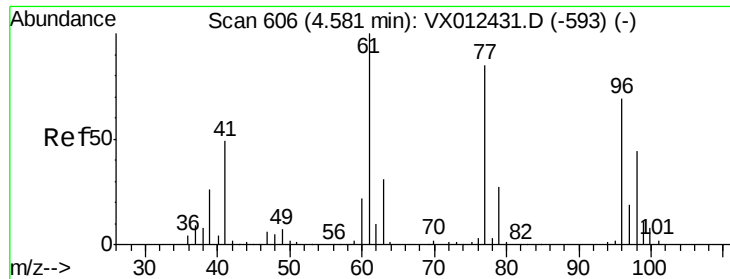
Tgt Ion: 77 Resp: 141379

Ion Ratio Lower Upper

77 100

97 22.5 10.5 31.6





#27

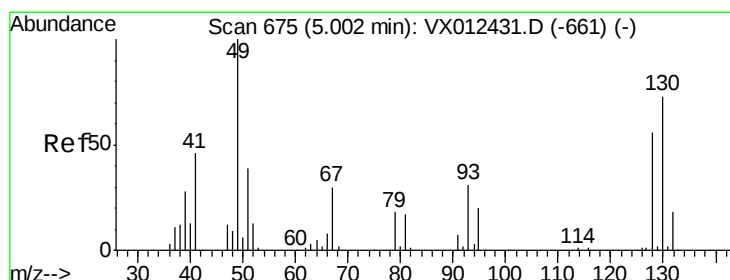
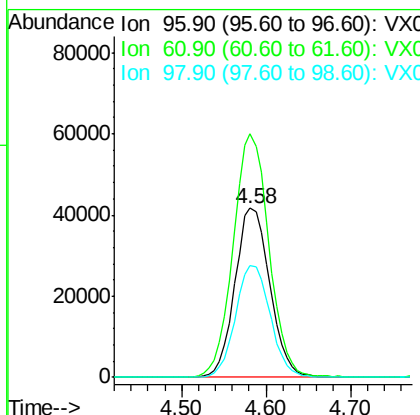
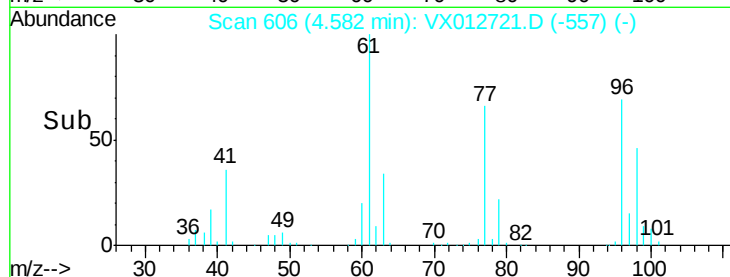
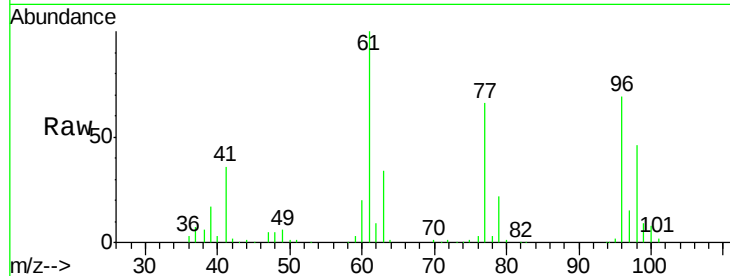
cis-1,2-Dichloroethene
Concen: 49.695 ug/l
RT: 4.58 min Scan# 606
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	116853		
61	147.7	0.0	319.4	
98	65.8	0.0	130.6	

Manual Integrations
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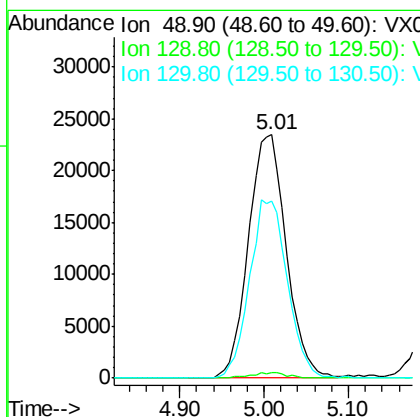
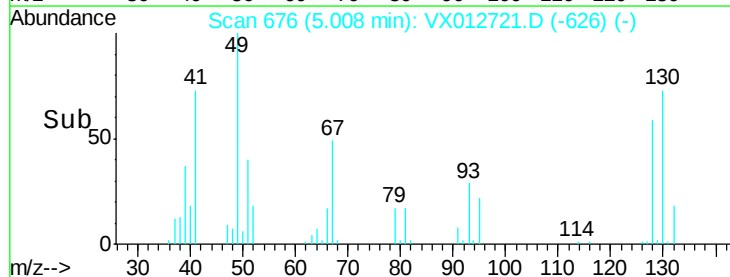
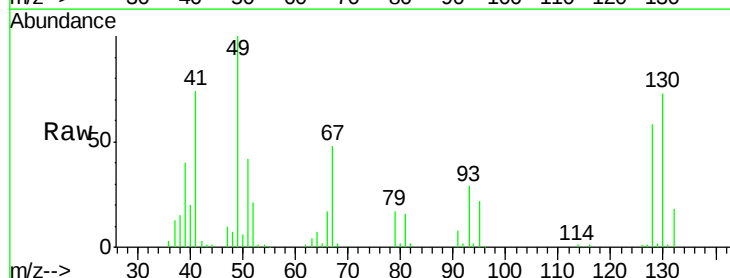
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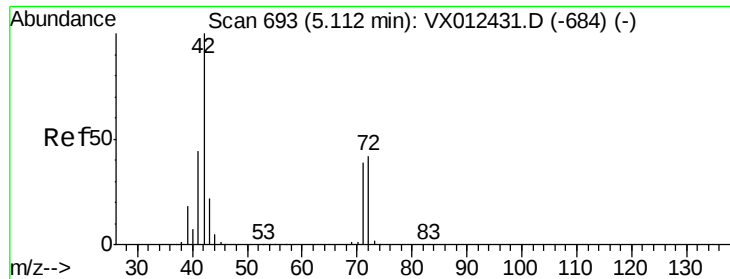


#28

Bromochloromethane
Concen: 51.873 ug/l
RT: 5.01 min Scan# 676
Delta R.T. 0.01 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	71796		
129	2.0	0.0	3.8	
130	73.3	58.2	87.4	





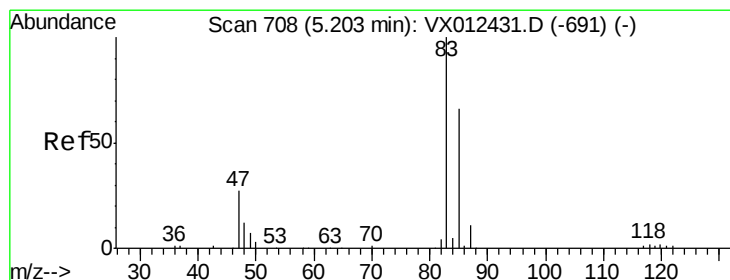
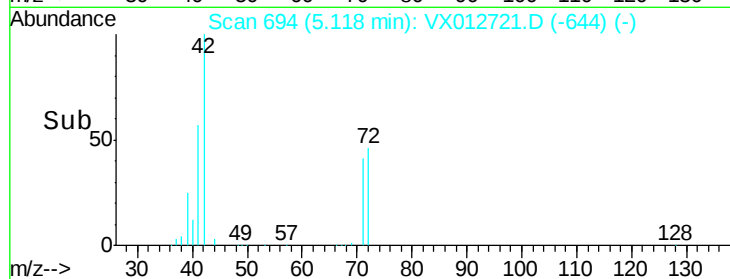
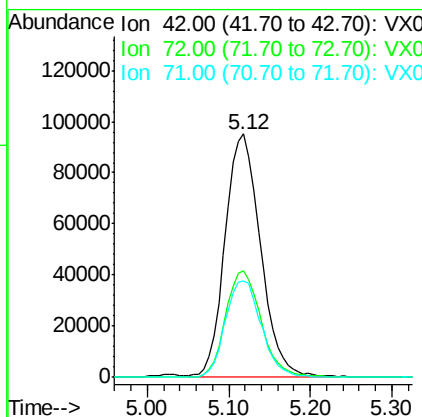
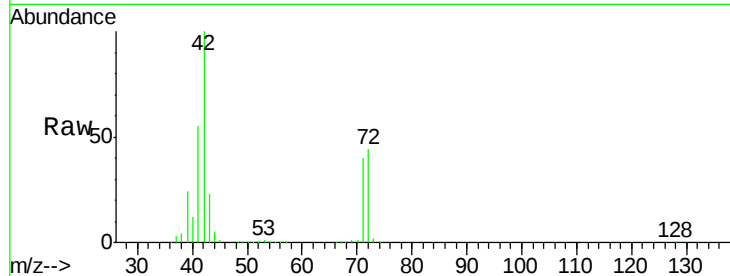
#29
Tetrahydrofuran
Concen: 247.806 ug/l
RT: 5.12 min Scan# 694
Delta R.T. 0.01 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	44.5	34.0	51.0
71	40.6	31.5	47.3

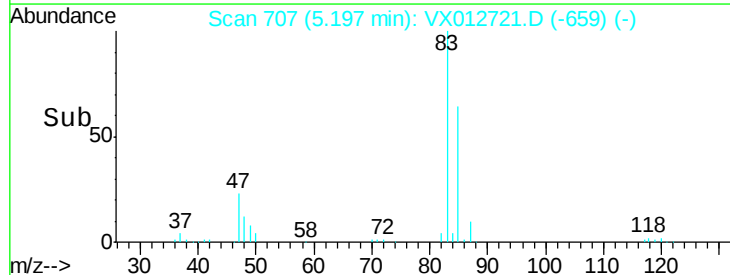
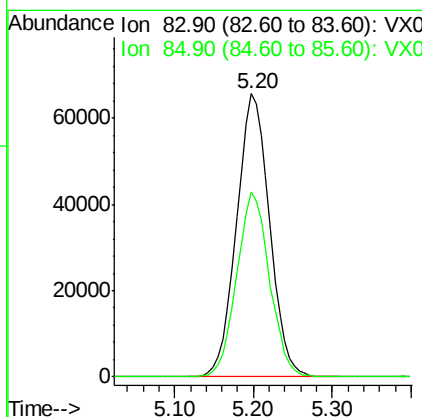
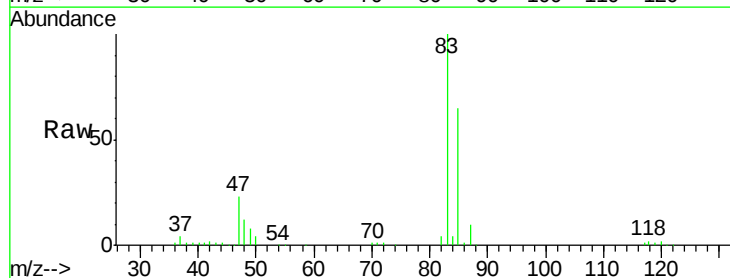
Manual Integrations
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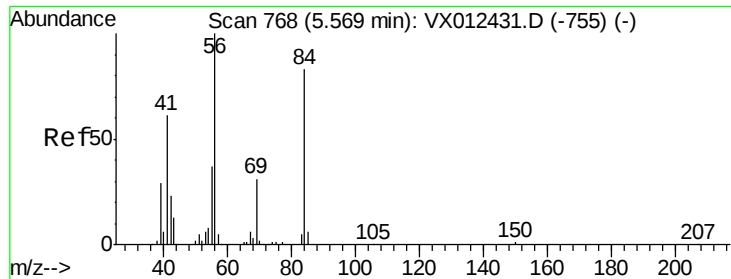
MMDadoda
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#30
Chloroform
Concen: 49.034 ug/l
RT: 5.20 min Scan# 707
Delta R.T. -0.01 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	53.0	79.4





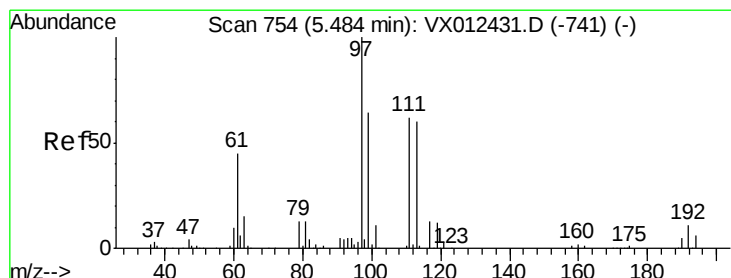
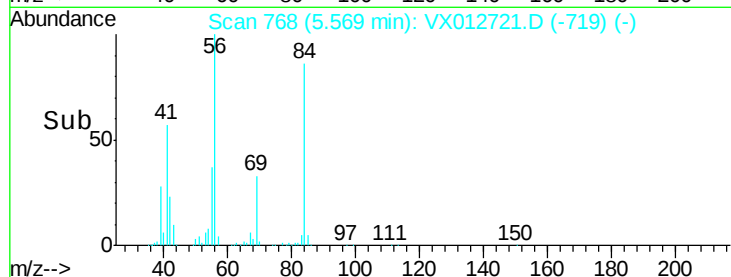
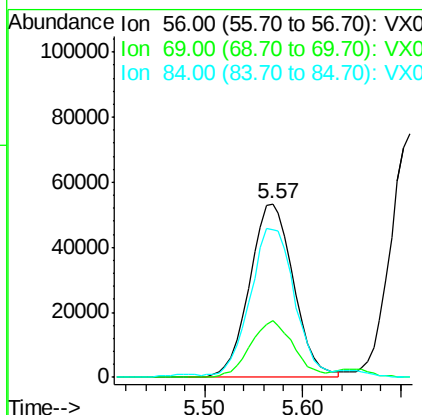
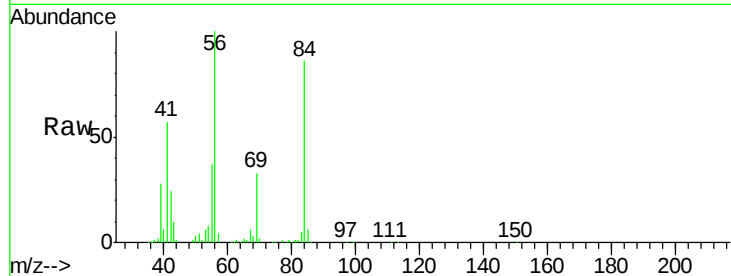
#31
Cyclohexane
Concen: 48.288 ug/l
RT: 5.57 min Scan# 768
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	32.8	25.0	37.6
84	83.8	66.4	99.6

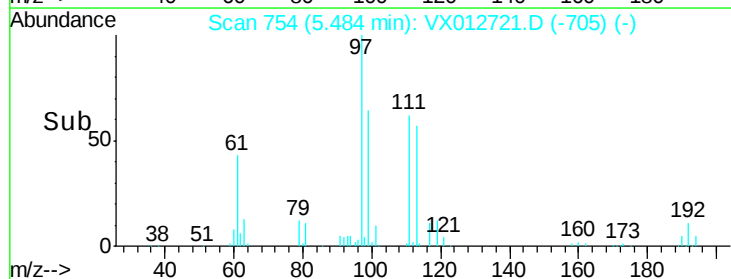
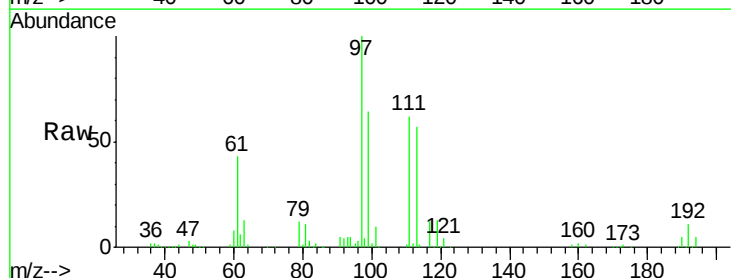
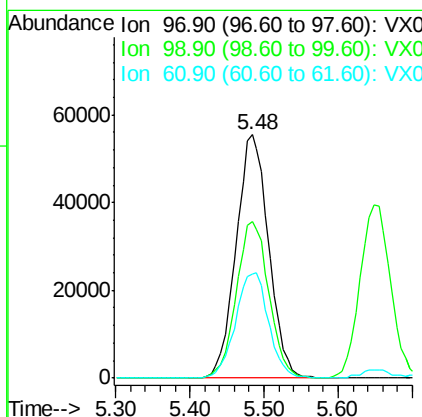
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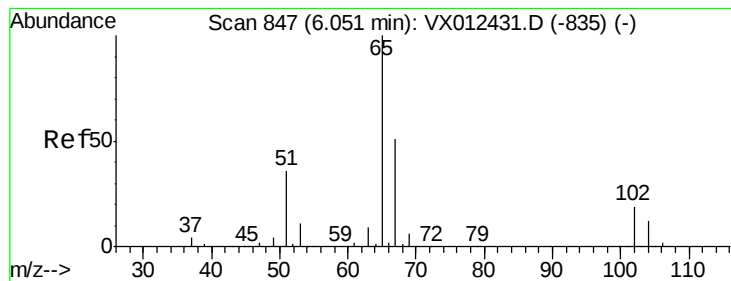
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#32
1,1,1-Trichloroethane
Concen: 49.143 ug/l
RT: 5.48 min Scan# 754
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.3	51.3	76.9
61	44.1	36.1	54.1





#33

1,2-Dichloroethane-d4

Concen: 50.004 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 123882

Ion Ratio Lower Upper

65 100

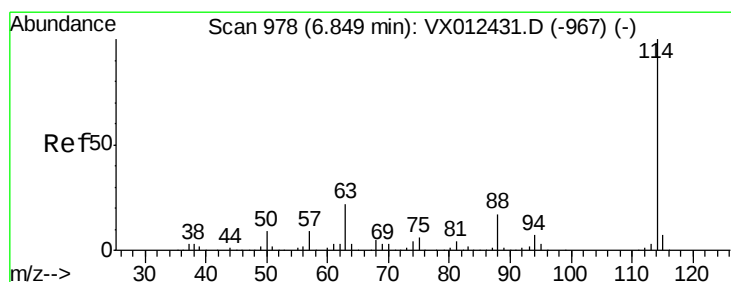
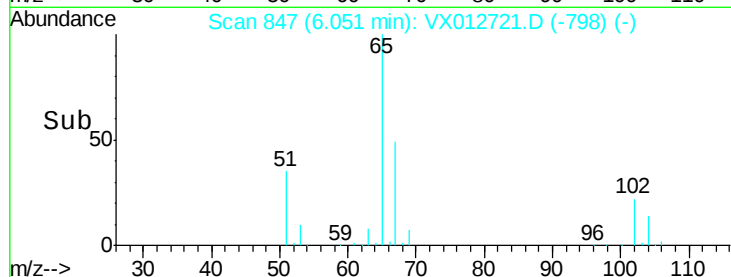
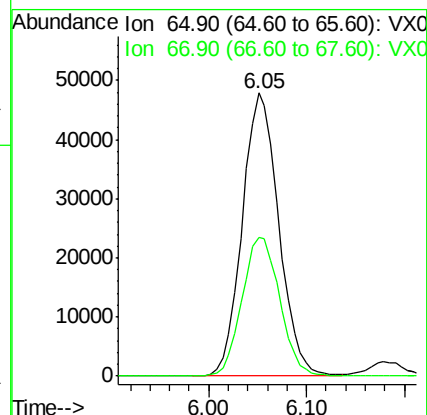
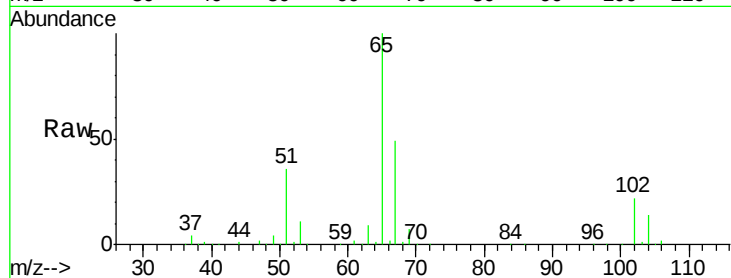
67 50.7 0.0 101.2

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

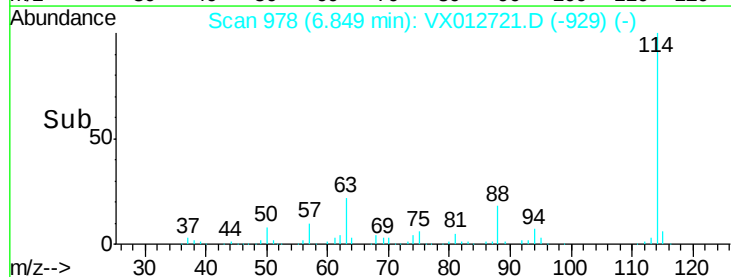
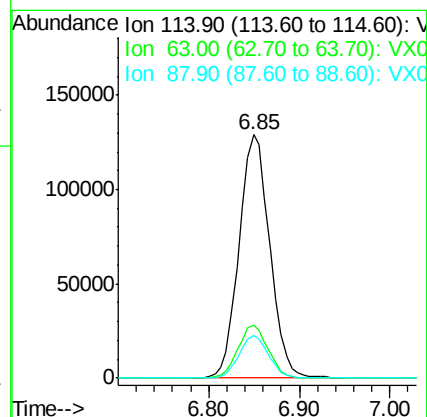
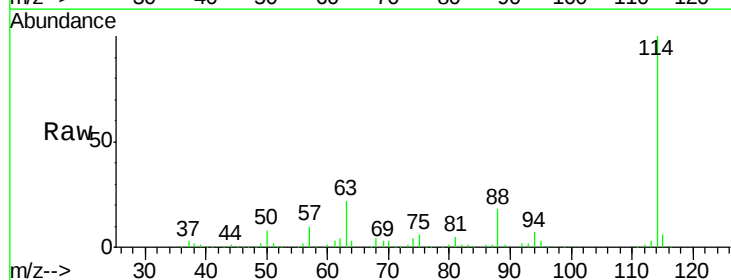
Tgt Ion: 114 Resp: 303627

Ion Ratio Lower Upper

114 100

63 21.6 0.0 43.2

88 17.5 0.0 33.2





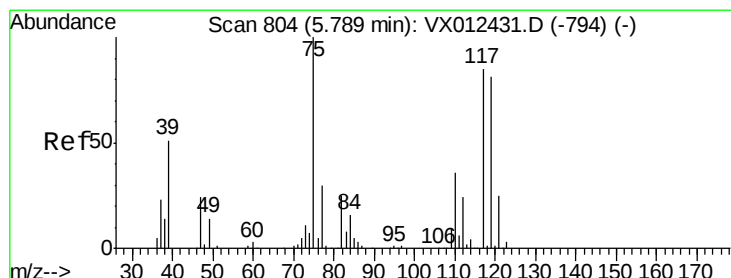
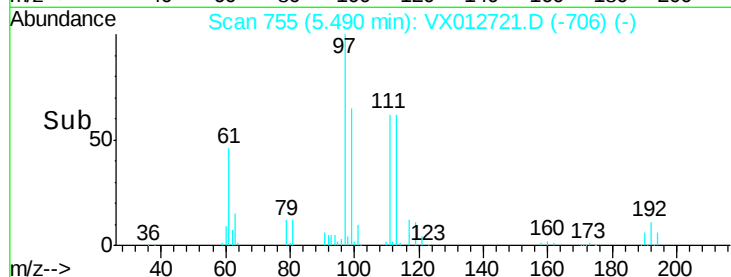
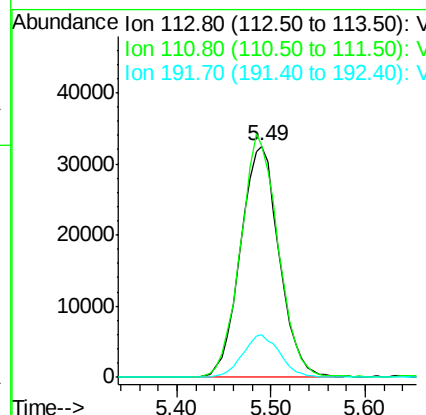
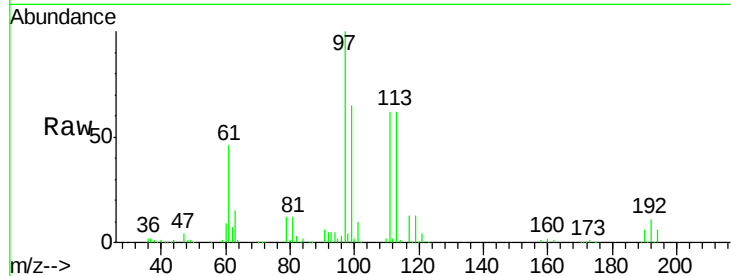
#35
Dibromofluoromethane
Concen: 51.522 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
113	100	93164		
111	102.9	83.4	125.2	
192	17.8	14.4	21.6	

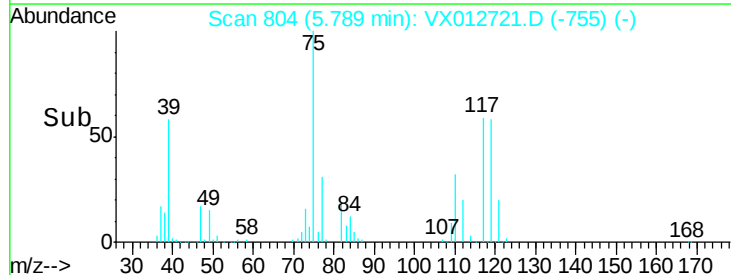
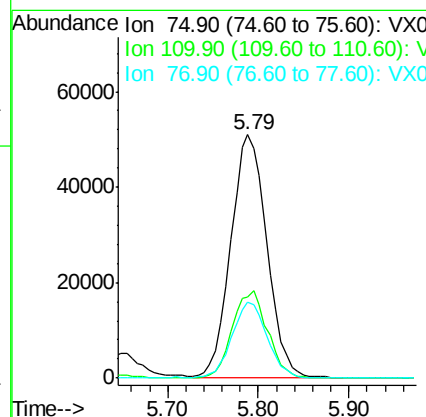
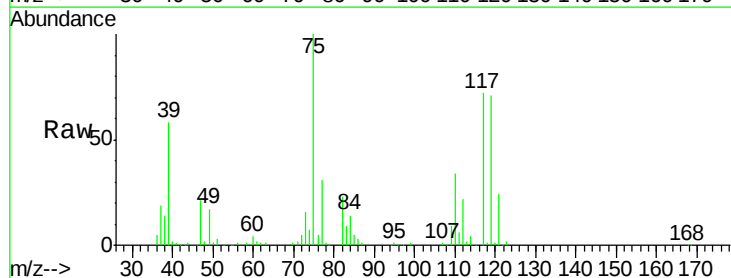
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APPROVED

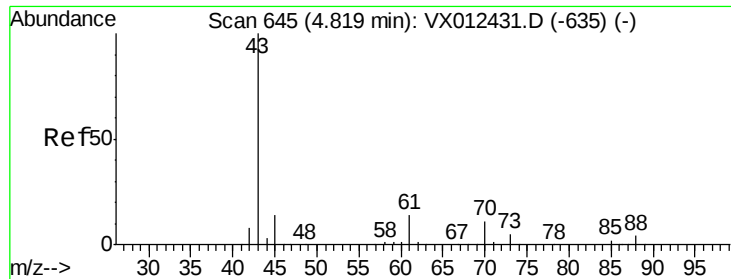
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#36
1,1-Dichloropropene
Concen: 47.911 ug/l
RT: 5.79 min Scan# 804
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	140217		
110	35.1	16.7	50.0	
77	30.9	24.2	36.2	





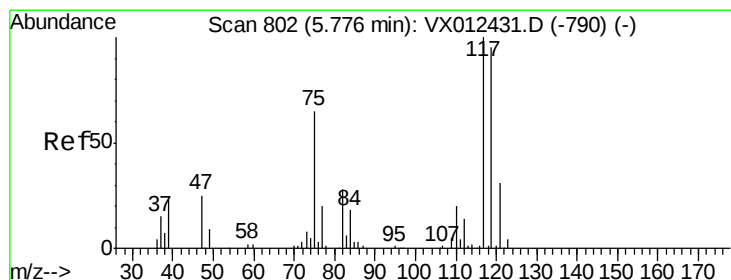
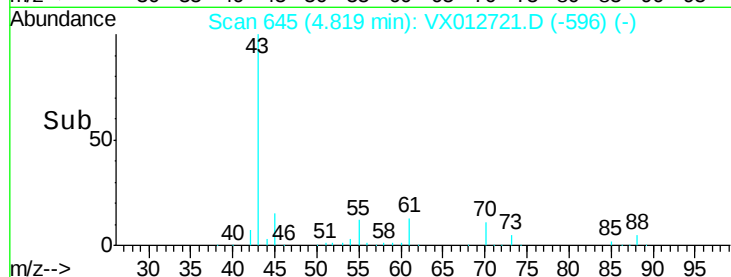
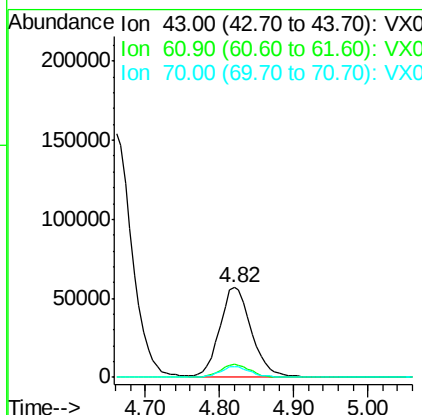
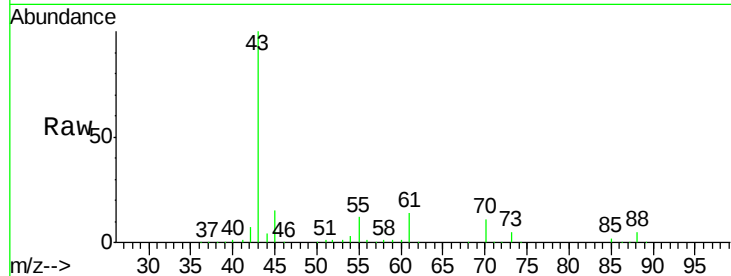
#37
Ethyl Acetate
Concen: 49.378 ug/l
RT: 4.82 min Scan# 645
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.4	10.2	15.4
70	11.4	8.7	13.1

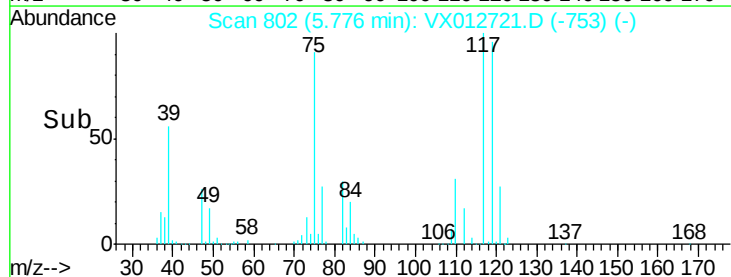
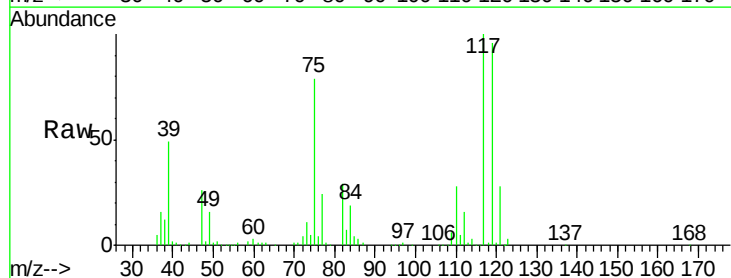
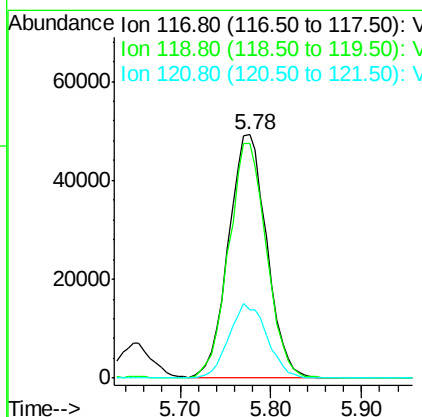
Manual Integrations
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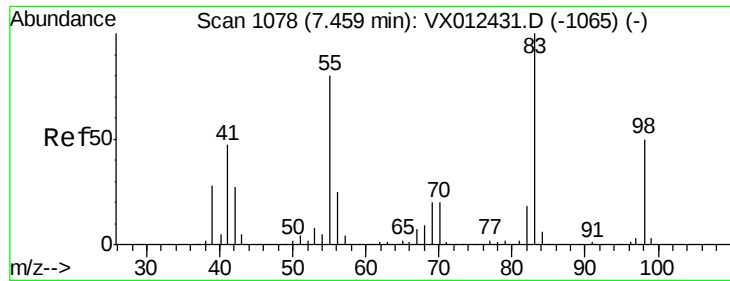
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#38
Carbon Tetrachloride
Concen: 48.489 ug/l
RT: 5.78 min Scan# 802
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.7	113.5
121	27.9	24.2	36.4





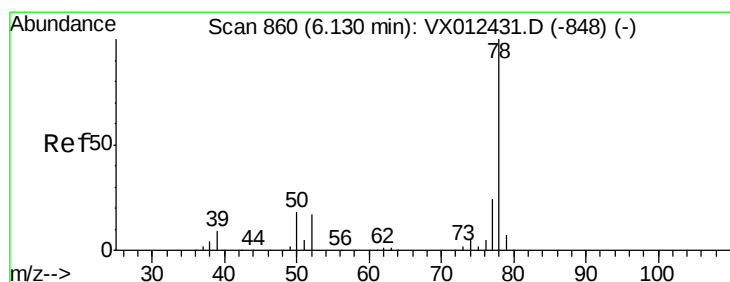
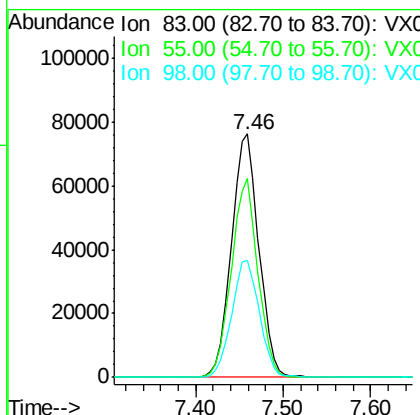
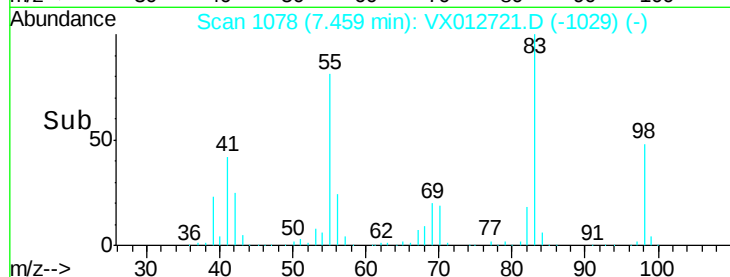
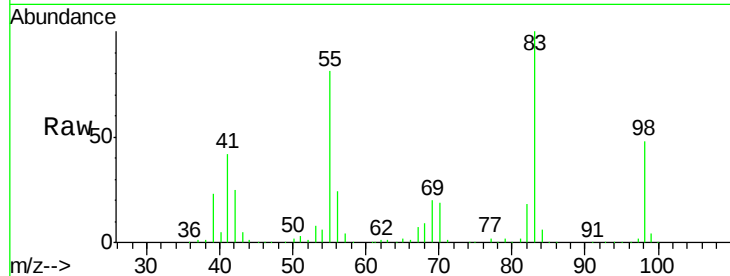
#39
Methvlcvclohexane
Concen: 47.083 ug/l
RT: 7.46 min Scan# 1078
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
83	100	165887		
55	81.4	64.4	96.6	
98	47.9	40.1	60.1	

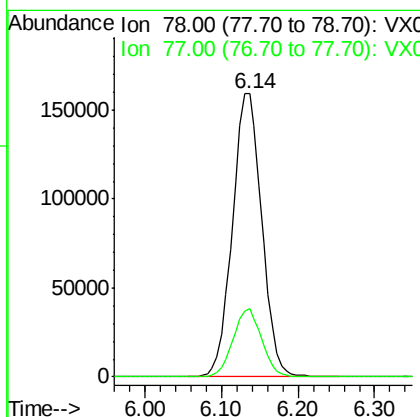
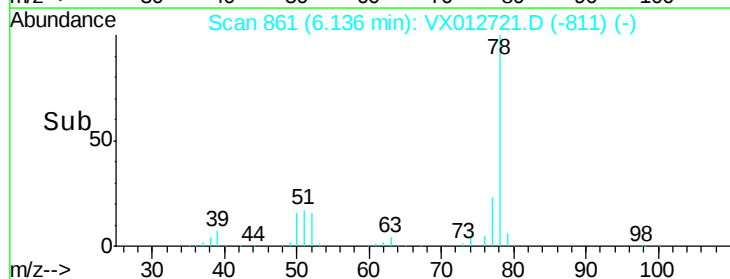
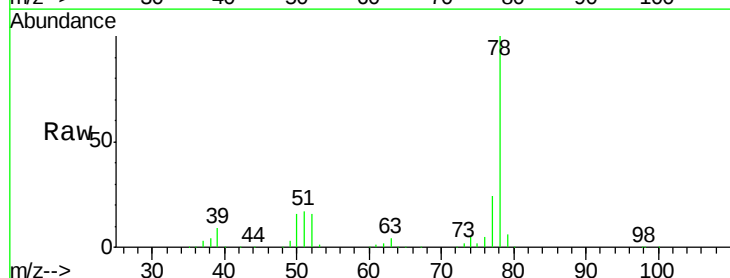
Manual Integrations
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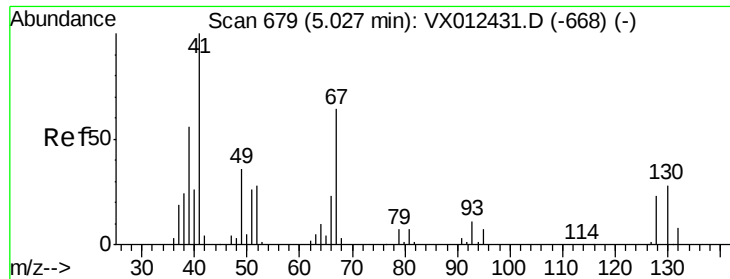
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#40
Benzene
Concen: 49.145 ug/l
RT: 6.14 min Scan# 861
Delta R.T. 0.01 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	423188		
77	24.1	19.2	28.8	





#41

Methacrylonitrile

Concen: 47.958 ug/l

RT: 5.03 min Scan# 679

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

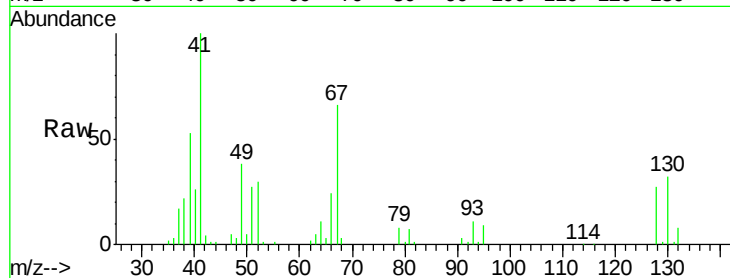
ClientSampleId :

VSTDCCC050EC

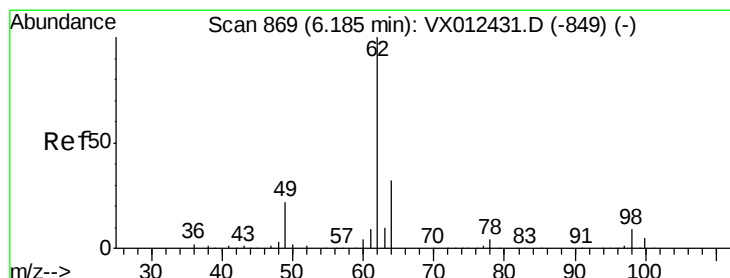
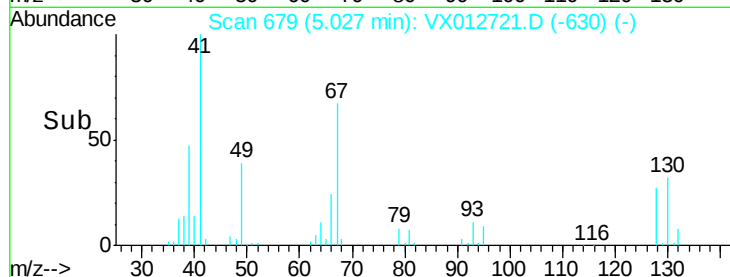
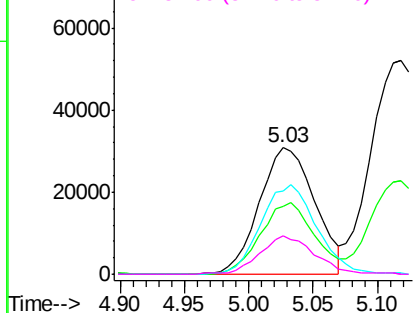
Tot Ion	Ion	Ratio	Lower	Upper
41	100			
39	56.1	46.0	69.0	
67	71.4	52.2	78.2	
52	30.3	22.7	34.1	

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



#42

1,2-Dichloroethane

Concen: 48.608 ug/l

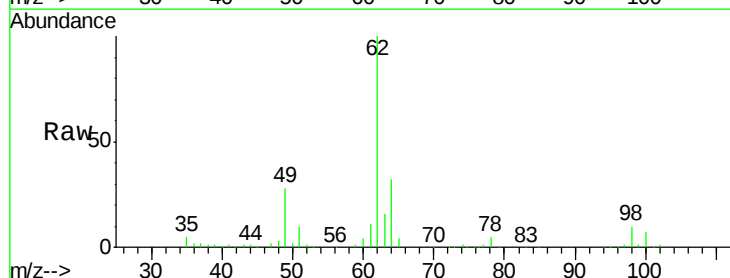
RT: 6.18 min Scan# 869

Delta R.T. 0.00 min

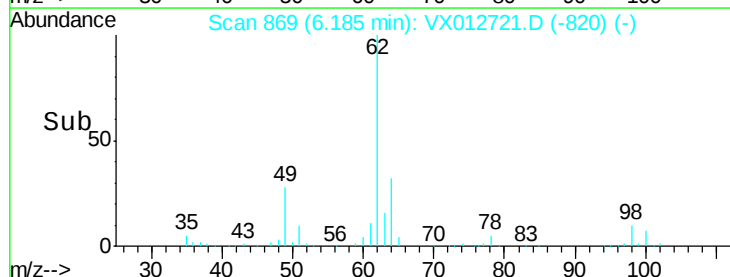
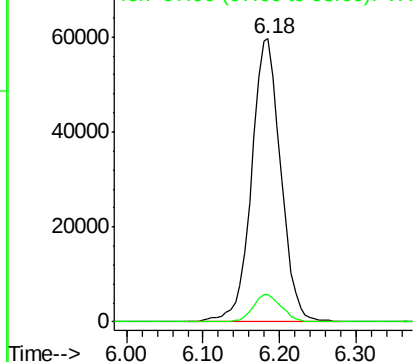
Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion	Ion	Ratio	Lower	Upper
62	100			
98	9.4	0.0	17.8	



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





#43

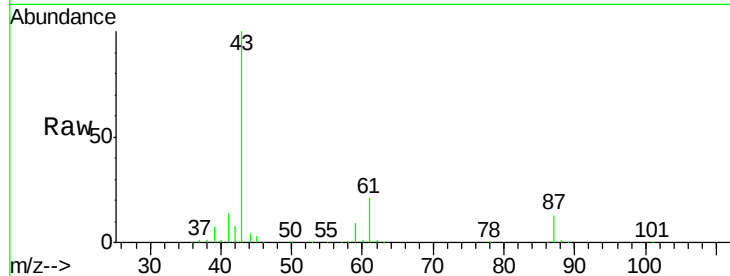
Isopropyl Acetate
 Concen: 47.596 ug/l
 RT: 6.43 min Scan# 910
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

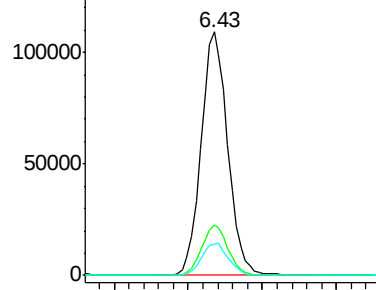
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.5	15.4	23.0
87	13.2	9.8	14.8

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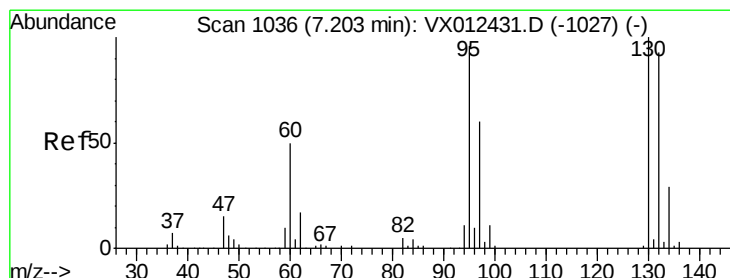
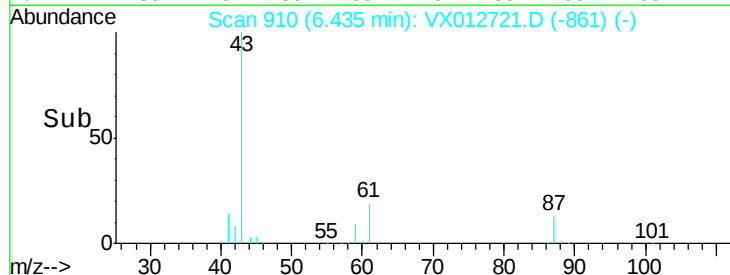
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Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



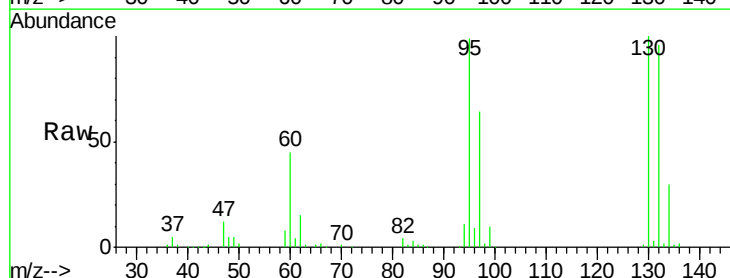
Time-->



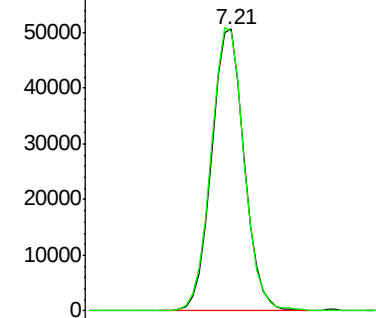
#44

Trichloroethene
 Concen: 49.515 ug/l
 RT: 7.21 min Scan# 1037
 Delta R.T. 0.01 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

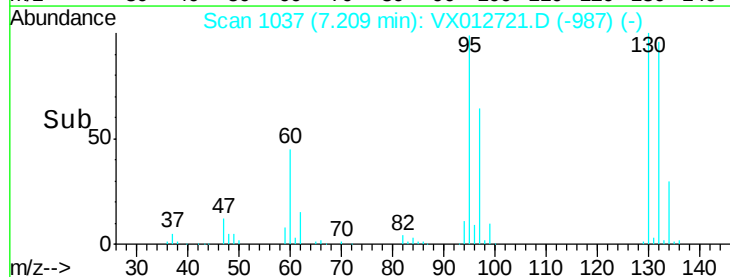
Tgt Ion	Ratio	Lower	Upper
130	100		
95	99.1	0.0	193.0



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



Time-->





#45

1,2-Dichloropropane

Concen: 49.879 ug/l

RT: 7.51 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 109963

Ion Ratio Lower Upper

63 100

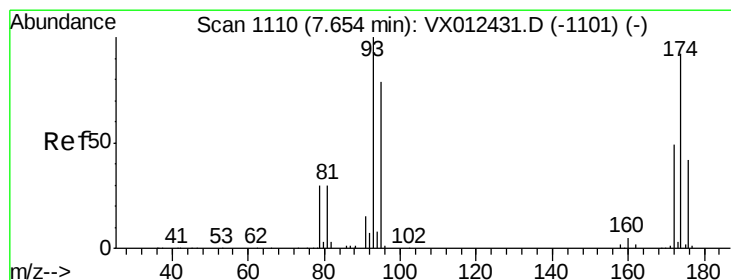
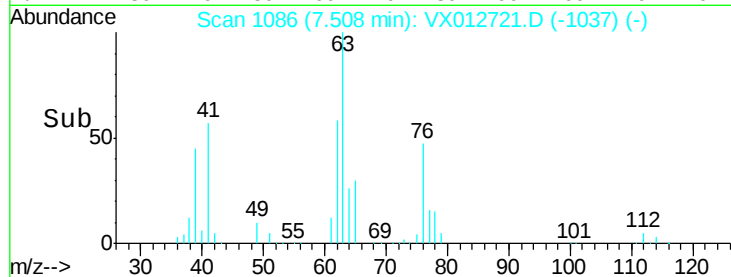
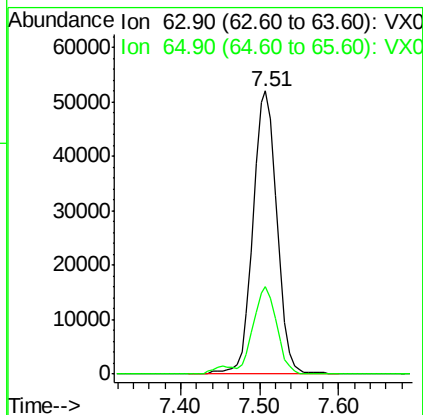
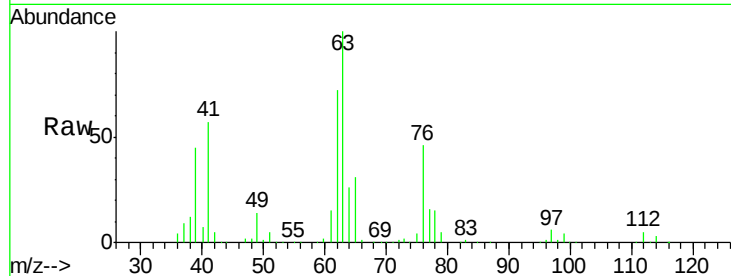
65 30.9 25.0 37.6

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#46

Dibromomethane

Concen: 48.947 ug/l

RT: 7.65 min Scan# 1110

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

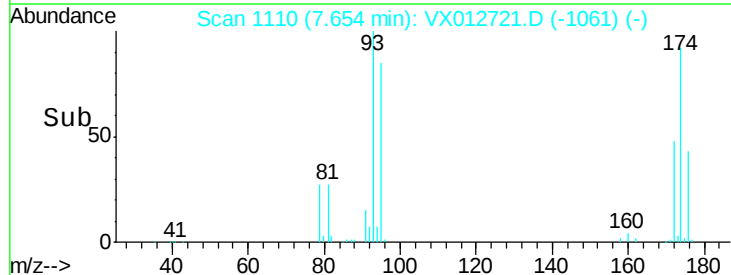
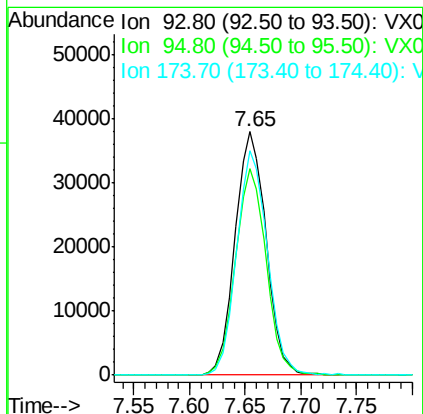
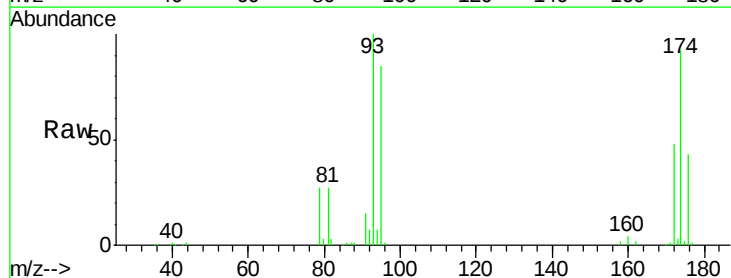
Tgt Ion: 93 Resp: 73471

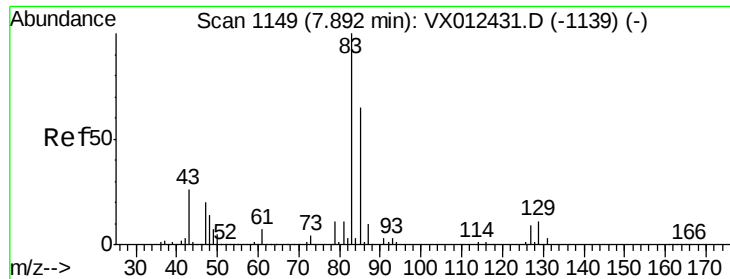
Ion Ratio Lower Upper

93 100

95 84.1 66.6 100.0

174 91.4 77.4 116.0





#47

Bromodichloromethane

Concen: 49.778 ug/l

RT: 7.89 min Scan# 1149

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 149334

Ion Ratio Lower Upper

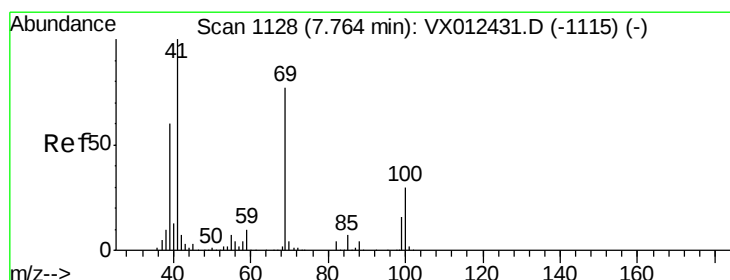
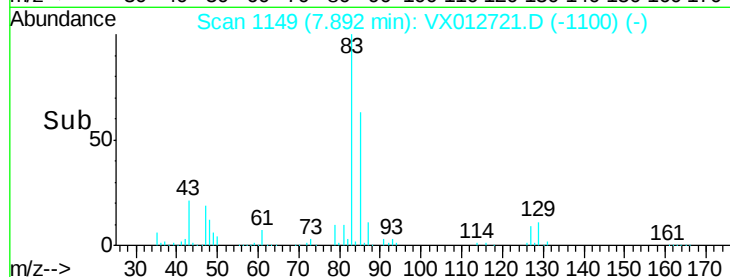
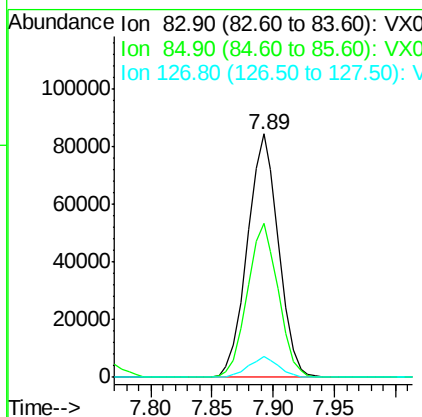
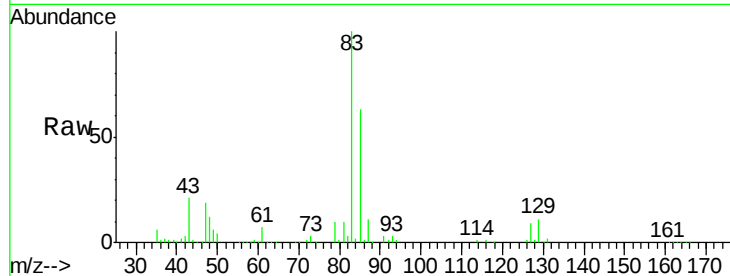
83 100

85 63.0 51.8 77.6

127 8.8 7.3 10.9

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#48

Methyl methacrylate

Concen: 48.252 ug/l

RT: 7.76 min Scan# 1128

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

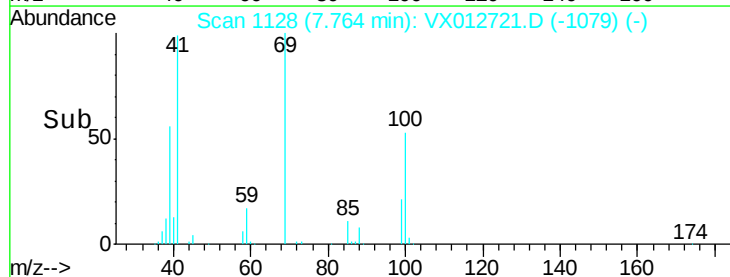
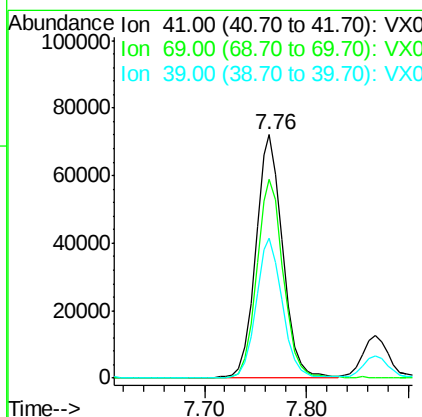
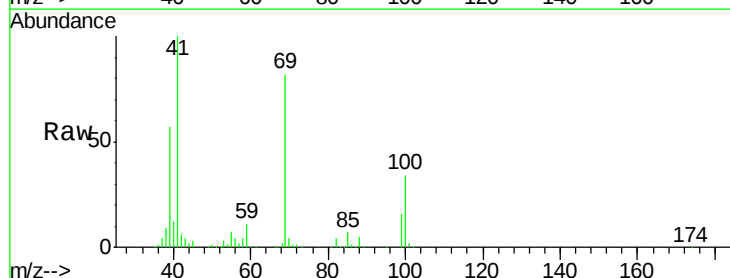
Tgt Ion: 41 Resp: 132386

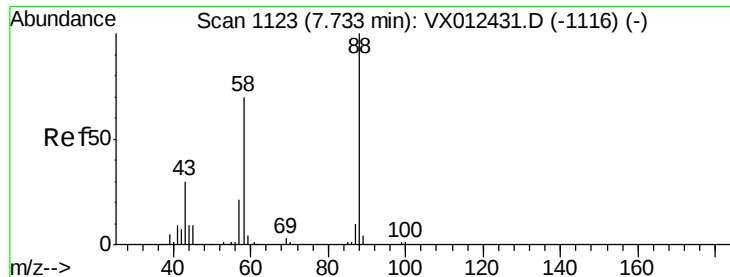
Ion Ratio Lower Upper

41 100

69 80.6 59.9 89.9

39 56.2 47.8 71.6





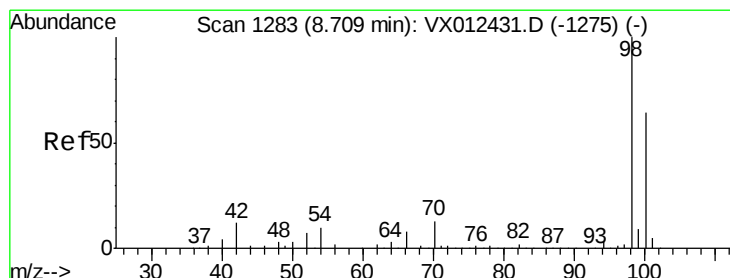
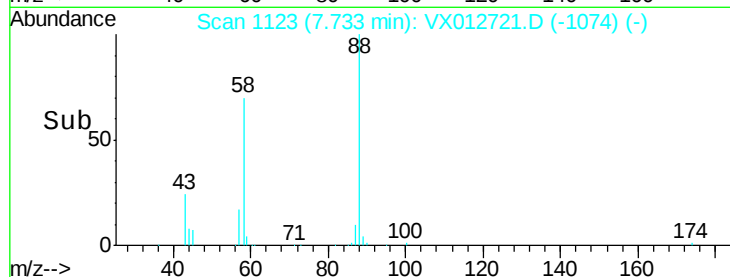
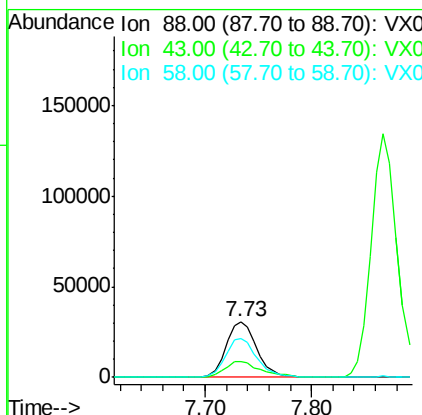
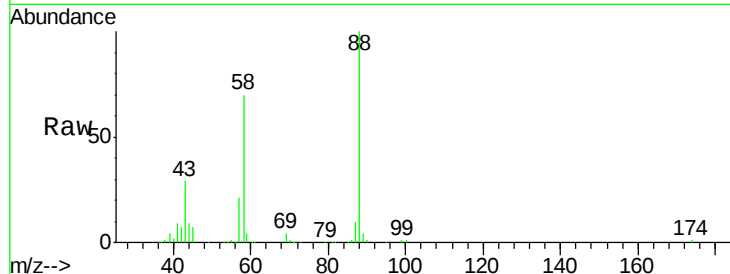
#49
1,4-Dioxane
Concen: 991.401 ug/l
RT: 7.73 min Scan# 1123
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.4	44.0
58	71.9	57.5	86.3

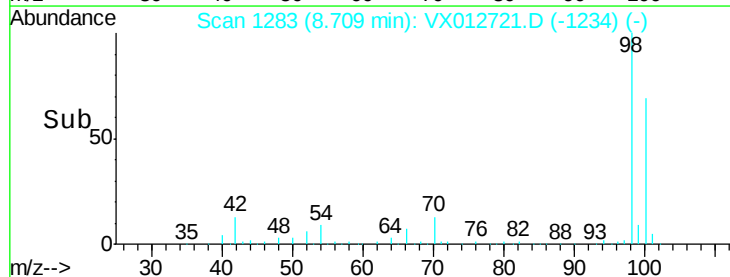
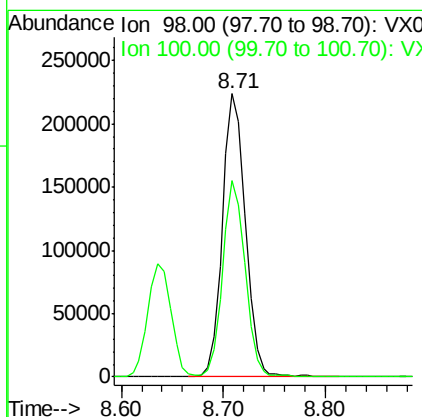
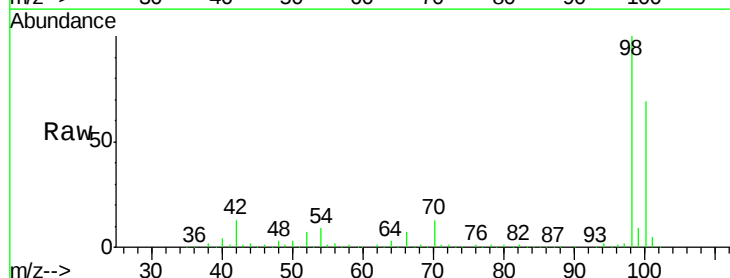
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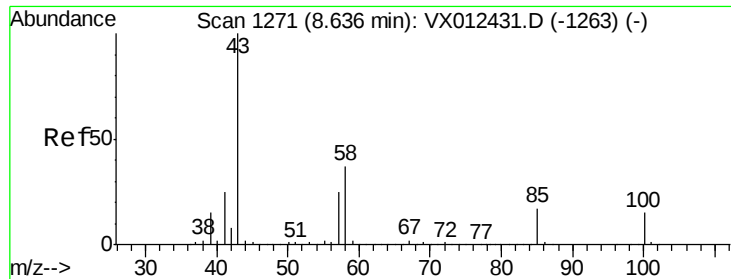
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#50
Toluene-d8
Concen: 50.373 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
98	100		
100	68.2	53.4	80.2





#51

4-Methyl-2-Pentanone

Concen: 242.689 ug/l

RT: 8.64 min Scan# 1271

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 857183

Ion Ratio Lower Upper

43 100

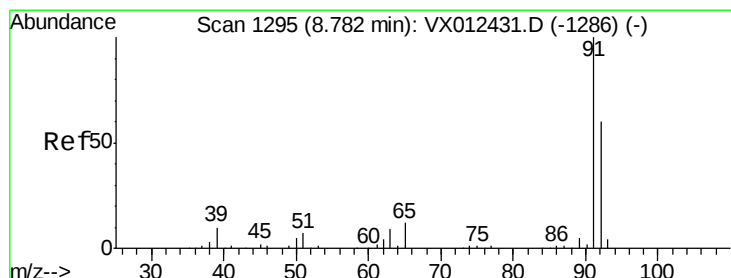
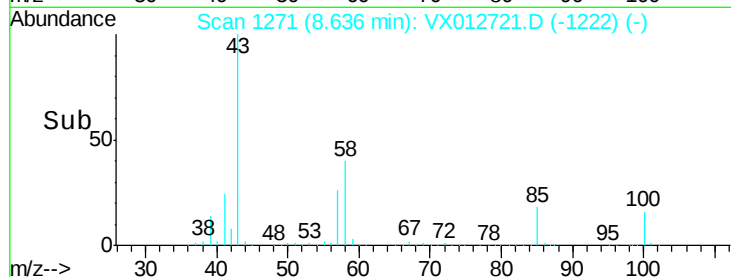
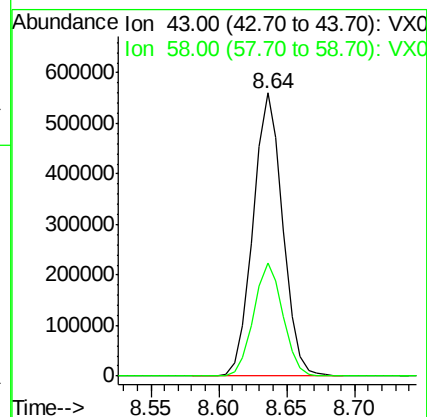
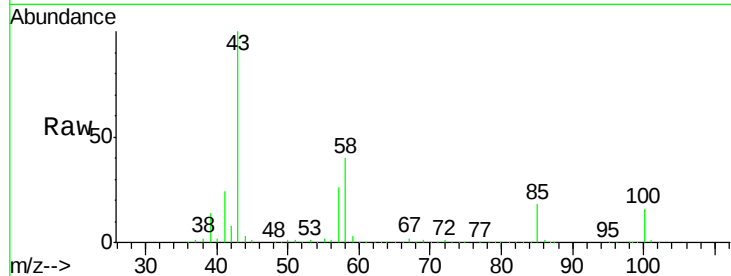
58 39.8 29.8 44.6

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#52

Toluene

Concen: 49.569 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VX012721.D

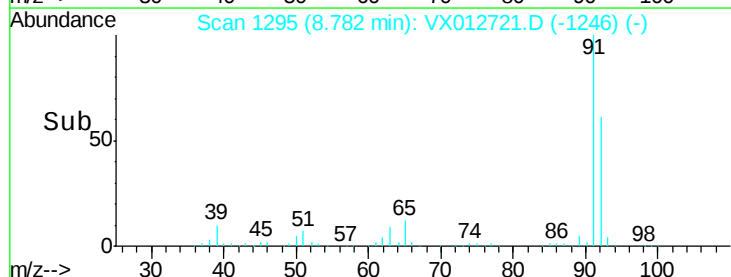
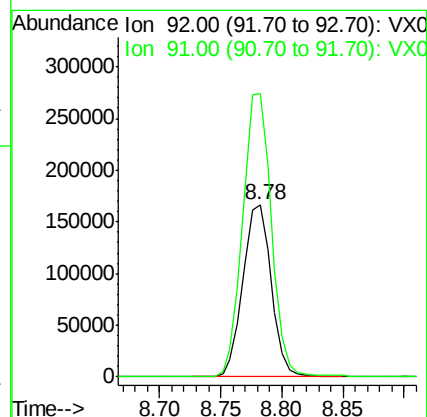
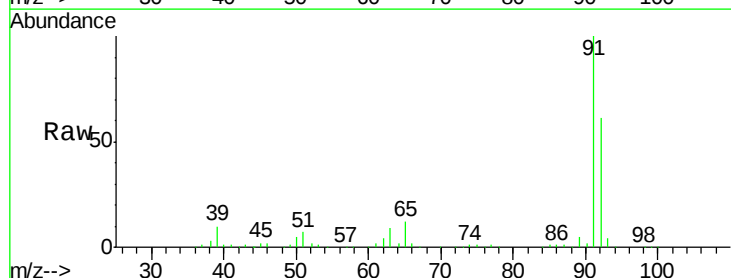
Acq: 30 Sep 2019 21:23

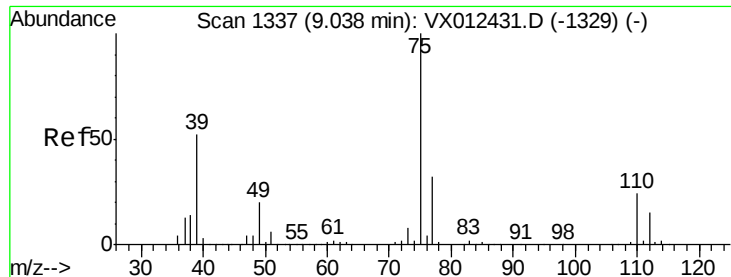
Tgt Ion: 92 Resp: 268272

Ion Ratio Lower Upper

92 100

91 167.1 135.4 203.0





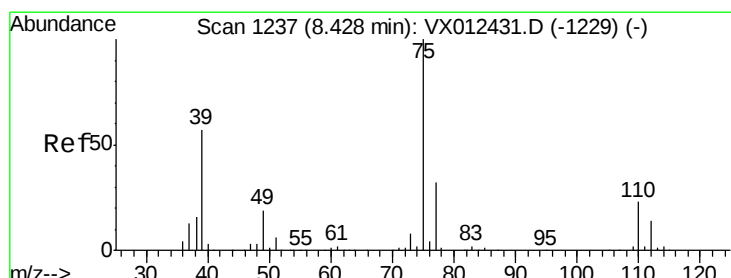
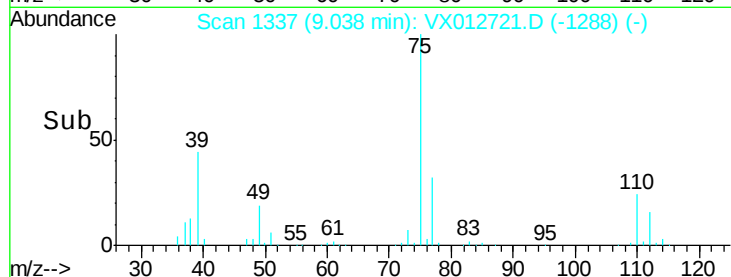
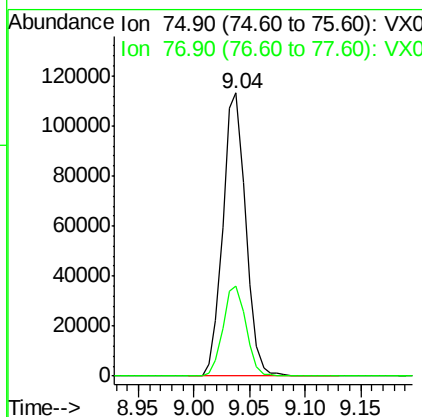
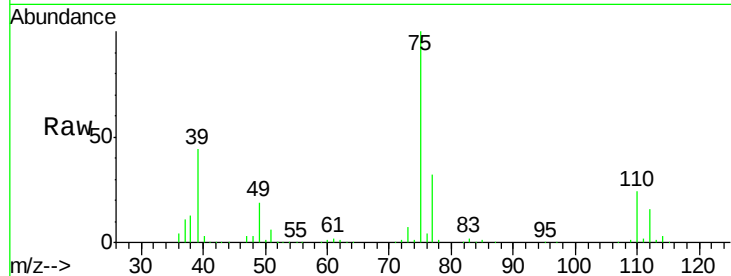
#53
t-1,3-Dichloropropene
Concen: 48.625 ug/l
RT: 9.04 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 161395
Ion Ratio Lower Upper
75 100
77 31.7 25.2 37.8

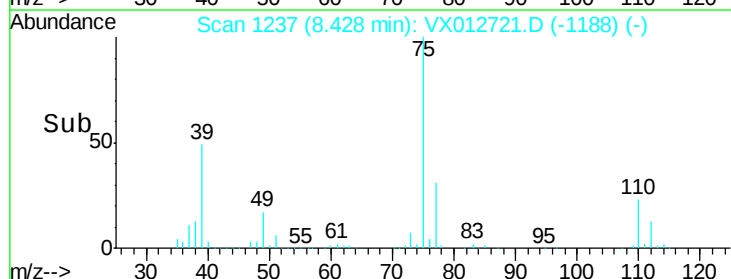
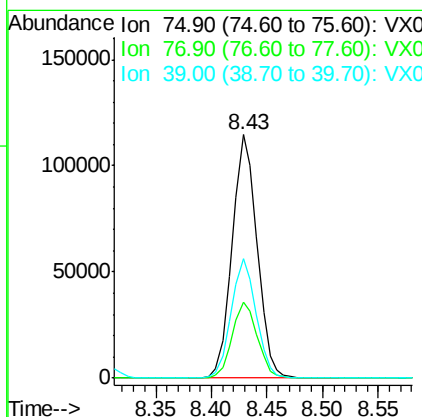
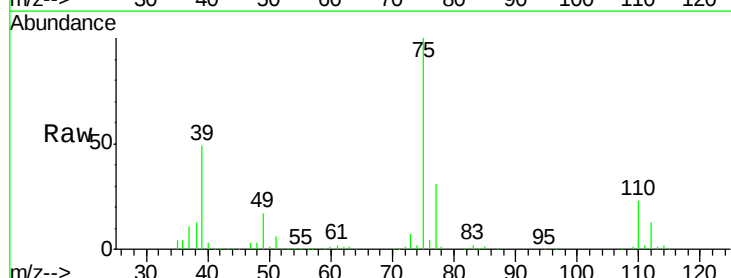
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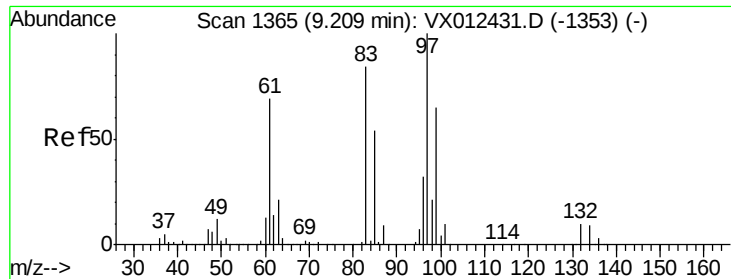
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#54
cis-1,3-Dichloropropene
Concen: 49.045 ug/l
RT: 8.43 min Scan# 1237
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion: 75 Resp: 177742
Ion Ratio Lower Upper
75 100
77 31.3 25.8 38.8
39 49.1 45.5 68.3





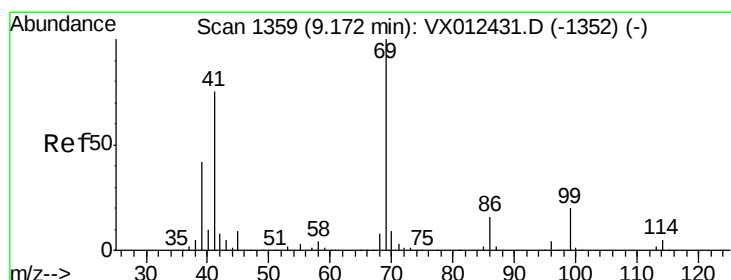
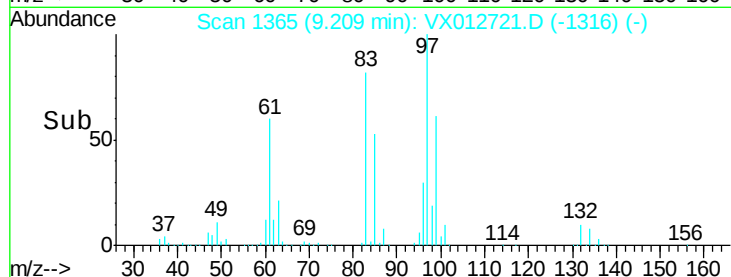
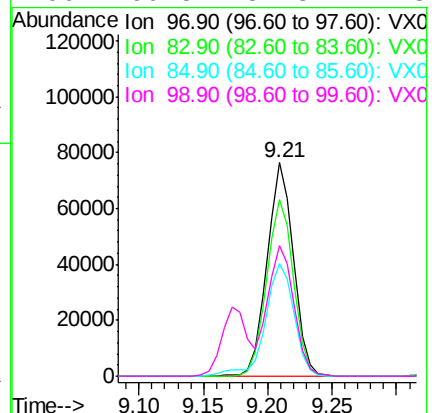
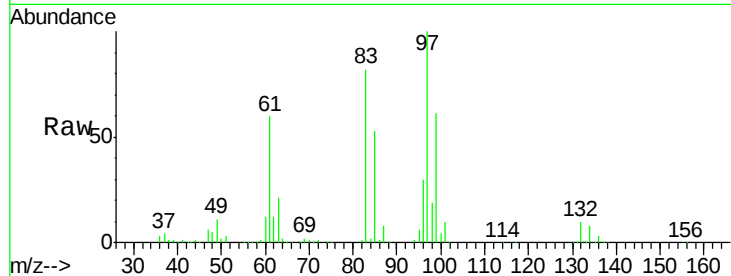
#55
 1,1,2-Trichloroethane
 Concen: 50.648 ug/l
 RT: 9.21 min Scan# 1365
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	108979
Ion	Ratio	Lower	Upper
97	100		
83	82.4	67.4	101.2
85	53.0	43.5	65.3
99	60.8	51.8	77.8

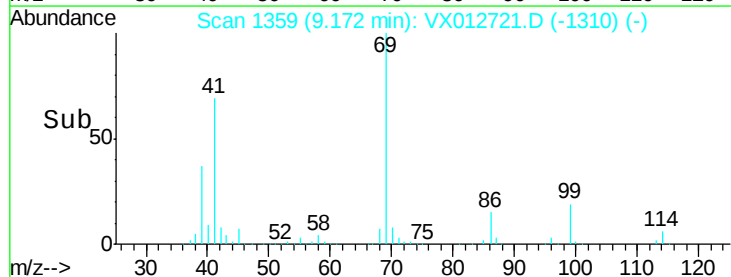
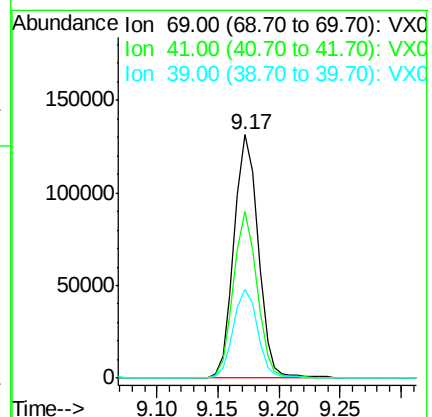
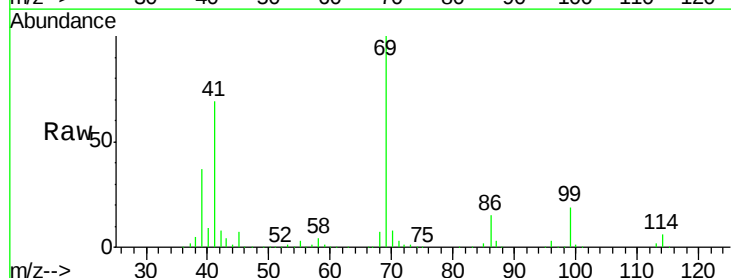
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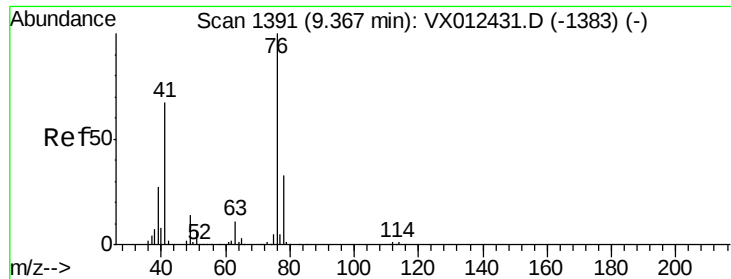
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 10/1/2019 10:08:02 AM



#56
 Ethyl methacrylate
 Concen: 49.831 ug/l
 RT: 9.17 min Scan# 1359
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion:	69	Resp:	180131
Ion	Ratio	Lower	Upper
69	100		
41	67.0	58.4	87.6
39	37.0	33.4	50.0





#57

1,3-Dichloropropane

Concen: 49.112 ug/l

RT: 9.37 min Scan# 1391

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 184948

Ion Ratio Lower Upper

76 100

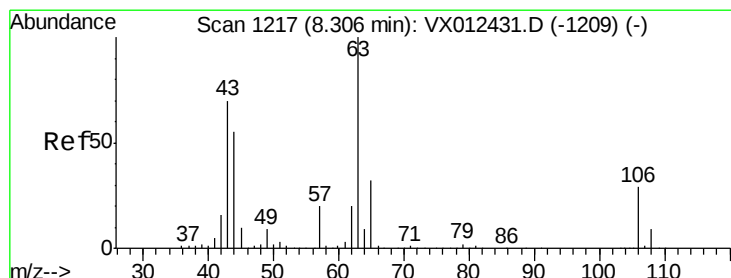
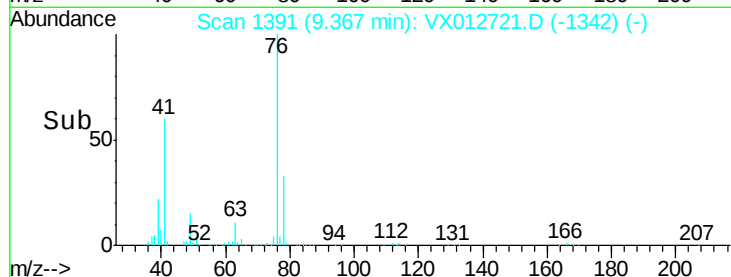
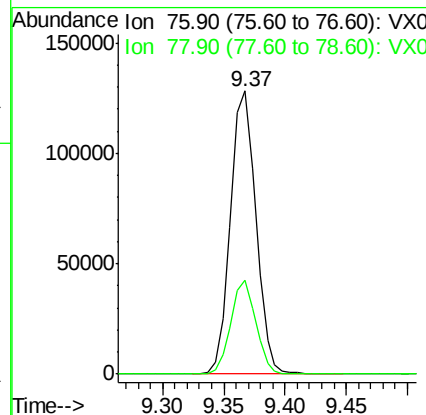
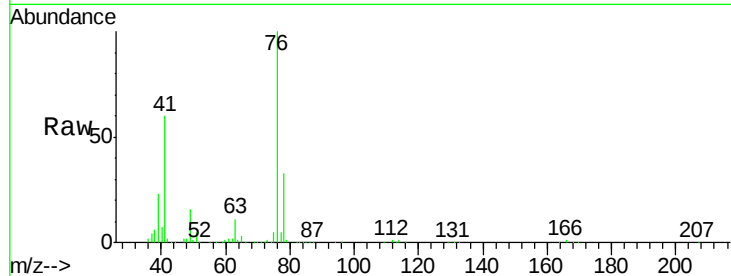
78 32.7 26.2 39.2

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#58

2-Chloroethyl Vinyl ether

Concen: 255.210 ug/l

RT: 8.31 min Scan# 1217

Delta R.T. 0.00 min

Lab File: VX012721.D

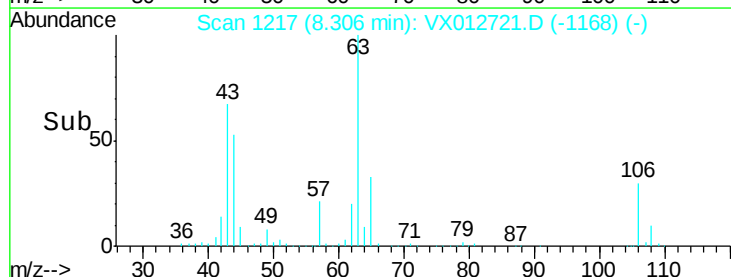
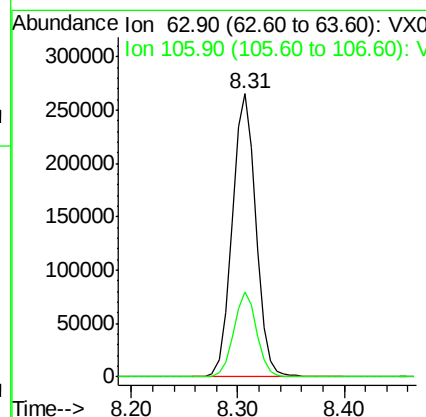
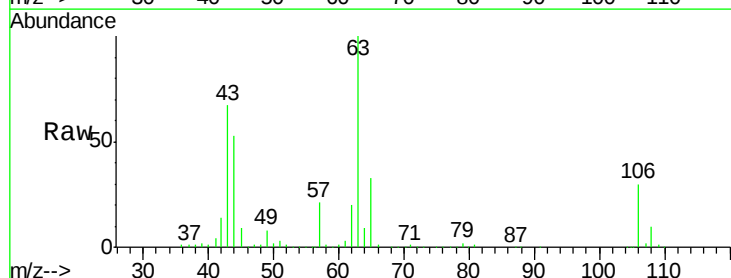
Acq: 30 Sep 2019 21:23

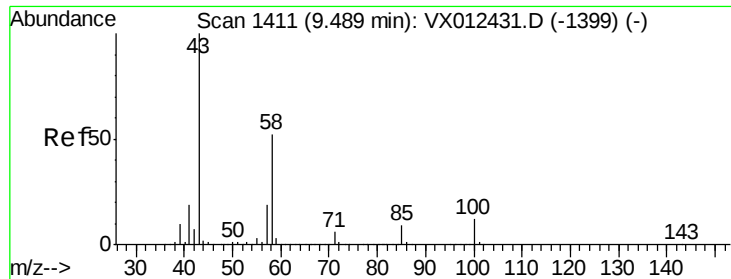
Tgt Ion: 63 Resp: 414106

Ion Ratio Lower Upper

63 100

106 29.2 23.8 35.6





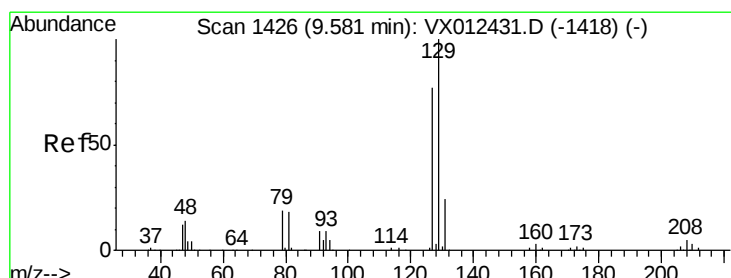
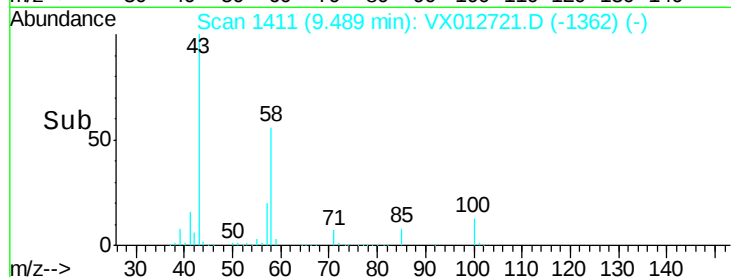
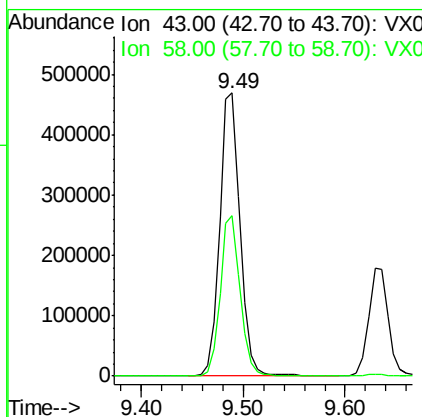
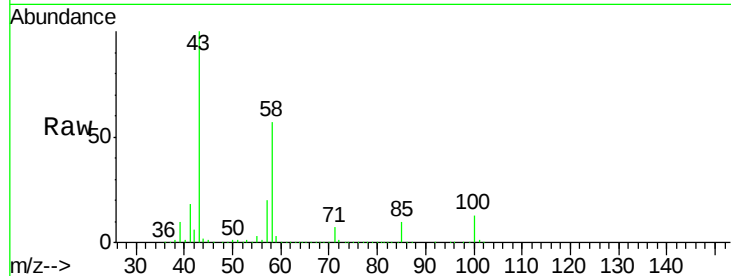
#59
2-Hexanone
Concen: 242.749 ug/l
RT: 9.49 min Scan# 1411
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

Tot Ion: 43 Resp: 656286
Ion Ratio Lower Upper
43 100
58 55.3 25.7 77.1

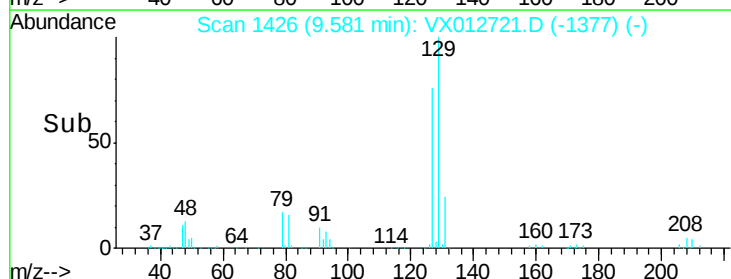
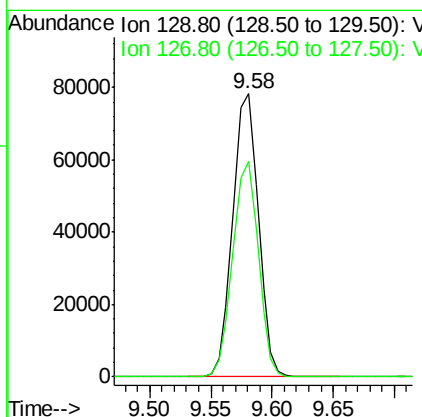
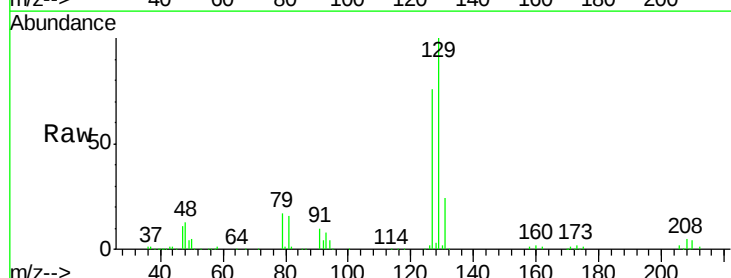
Manual Integrations
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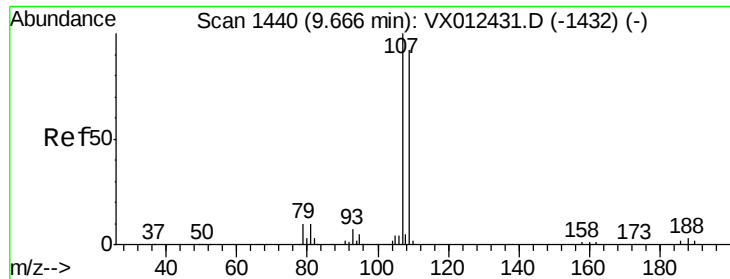
MMDadoda
10/1/2019 10:08:02 AM



#60
Dibromochloromethane
Concen: 52.132 ug/l
RT: 9.58 min Scan# 1426
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion: 129 Resp: 113550
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6





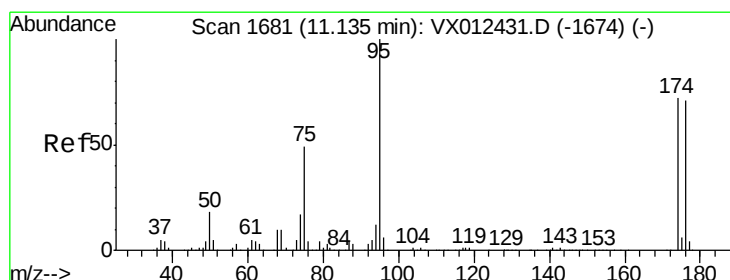
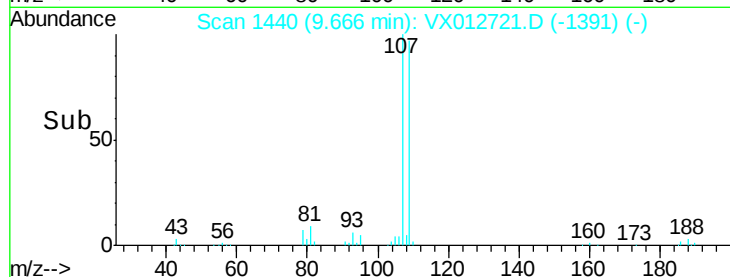
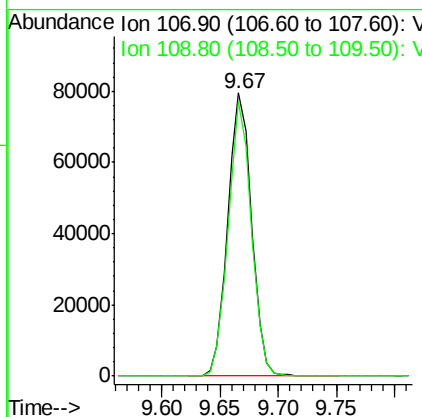
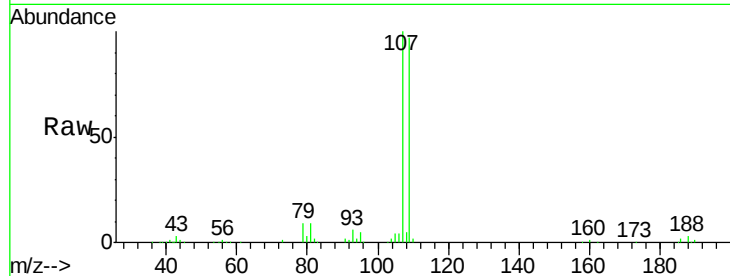
#61
 1,2-Dibromoethane
 Concen: 50.541 ug/l
 RT: 9.67 min Scan# 1440
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
107	100		
109	94.4	74.7	112.1

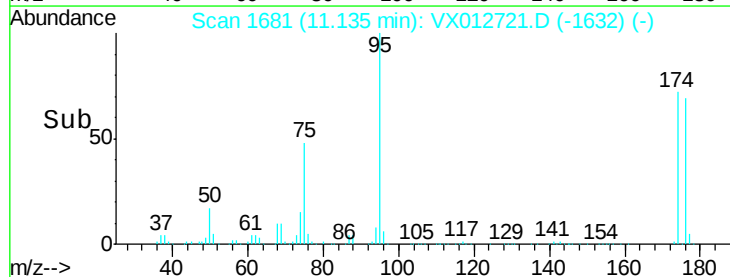
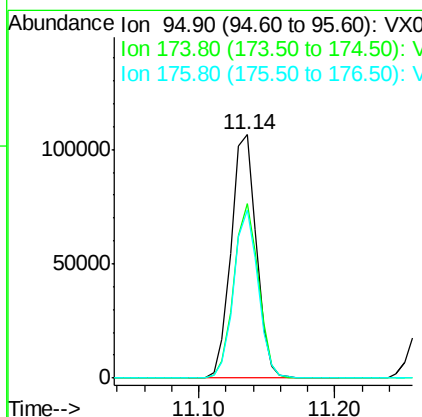
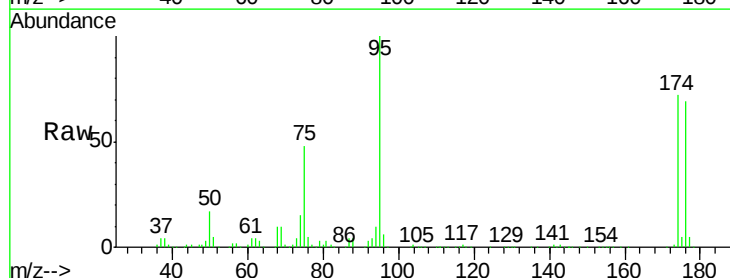
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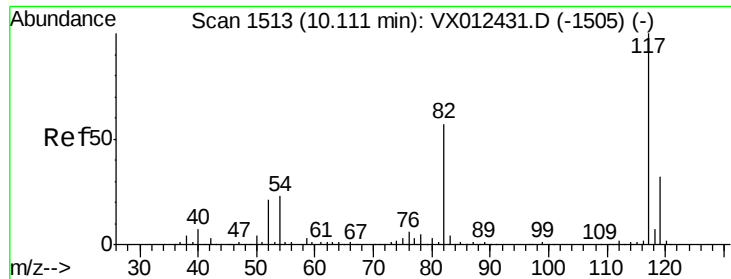
MMDadoda
 10/1/2019 10:08:02 AM



#62
 4-Bromofluorobenzene
 Concen: 50.318 ug/l
 RT: 11.14 min Scan# 1681
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
95	100		
174	69.9	0.0	140.0
176	66.8	0.0	135.4





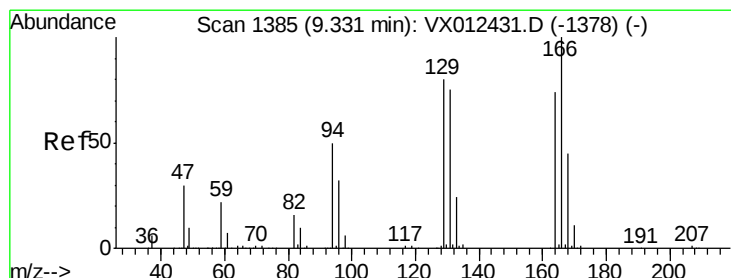
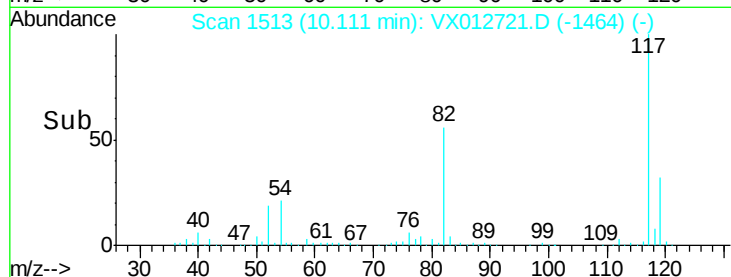
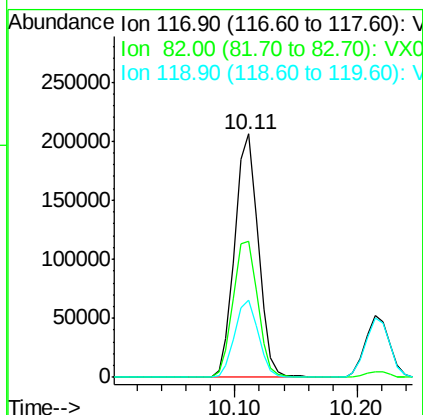
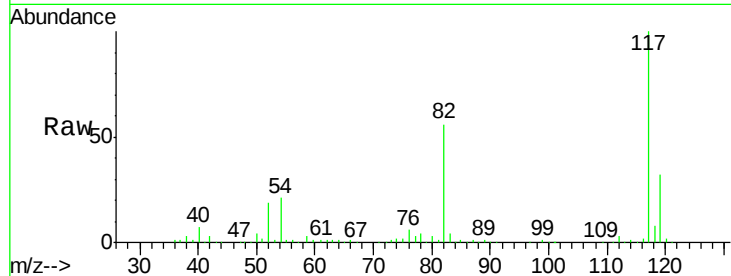
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	45.9	68.9
119	31.8	25.3	37.9

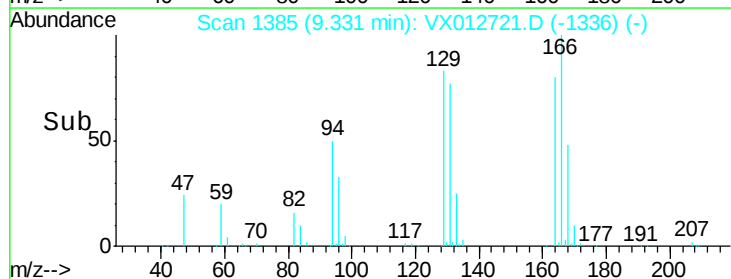
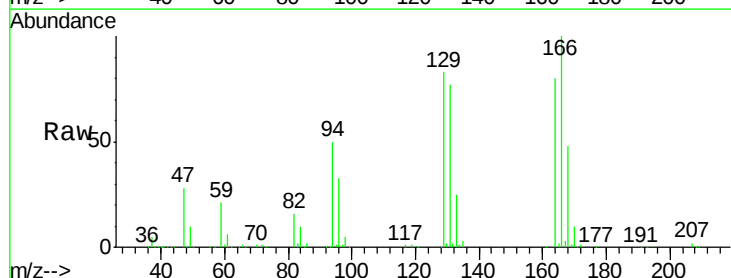
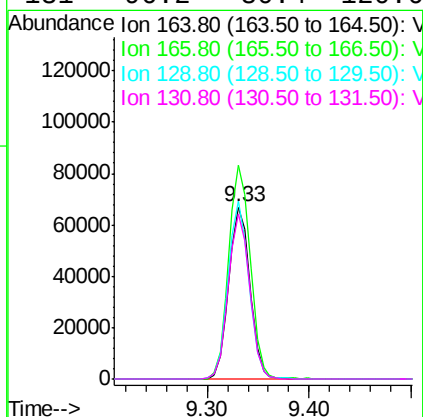
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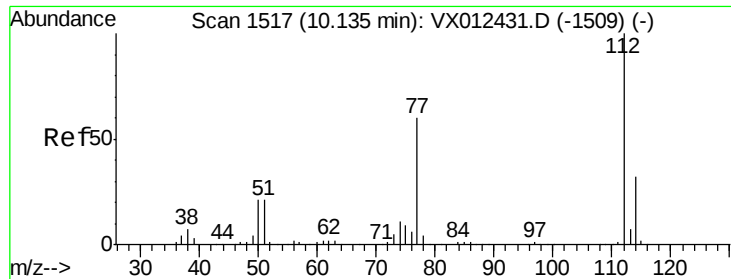
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10/1/2019 10:08:02 AM



#64
Tetrachloroethene
Concen: 50.160 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
164	100		
166	124.2	107.8	161.6
129	103.2	86.2	129.2
131	96.2	80.4	120.6





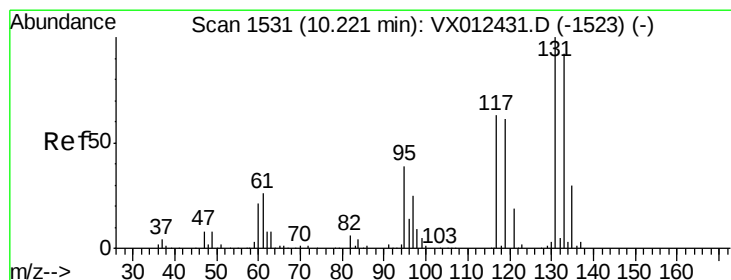
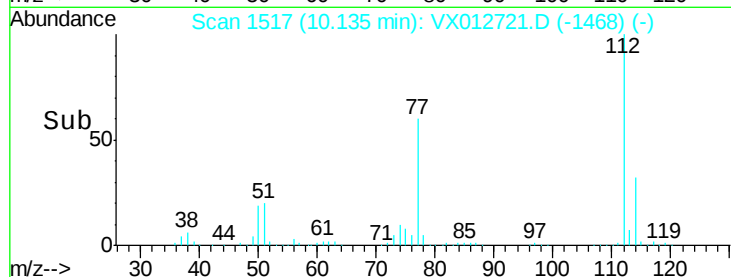
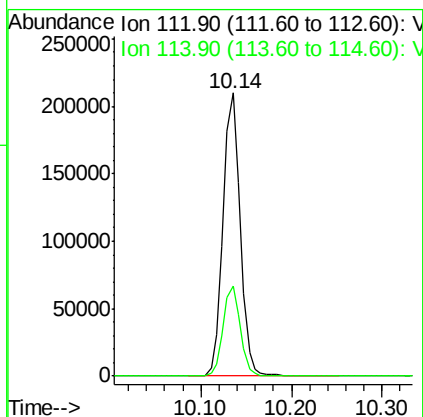
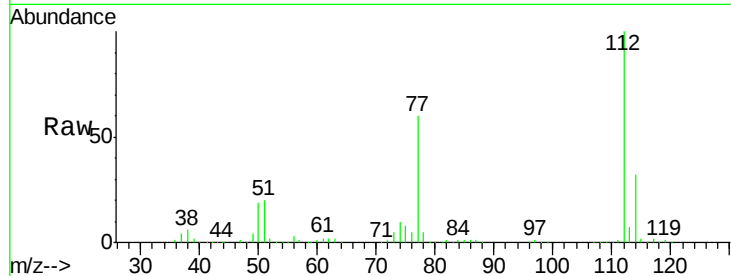
#65
Chlorobenzene
Concen: 48.274 ug/l
RT: 10.14 min Scan# 1517
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 278644
Ion Ratio Lower Upper
112 100
114 31.9 25.4 38.0

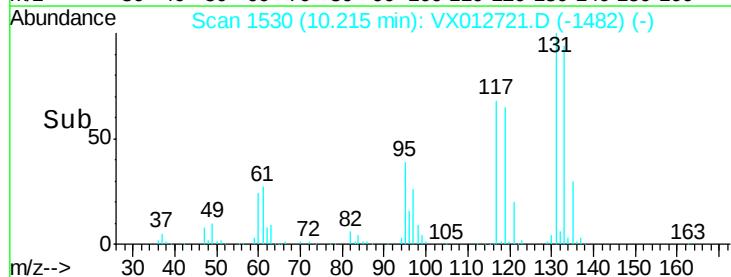
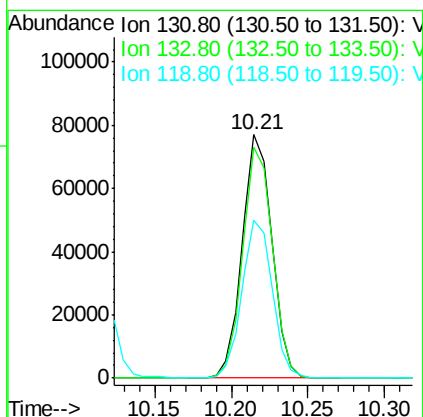
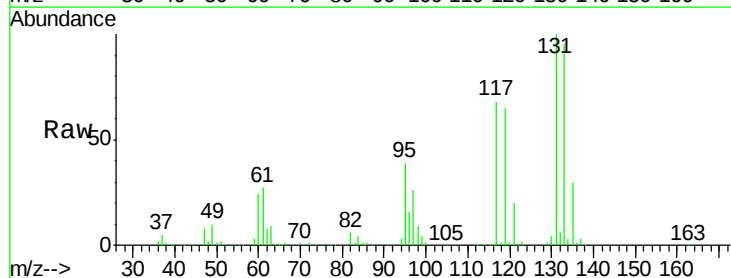
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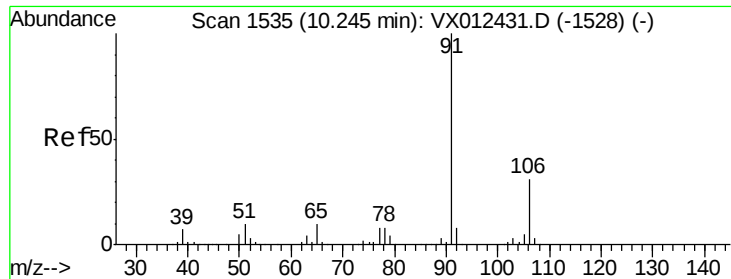
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.742 ug/l
RT: 10.21 min Scan# 1530
Delta R.T. -0.01 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion:131 Resp: 104028
Ion Ratio Lower Upper
131 100
133 95.2 47.6 142.9
119 66.1 31.3 93.8





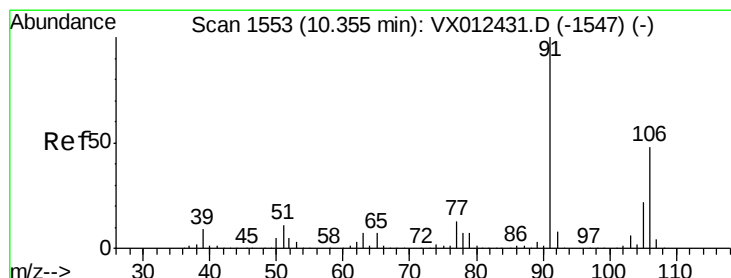
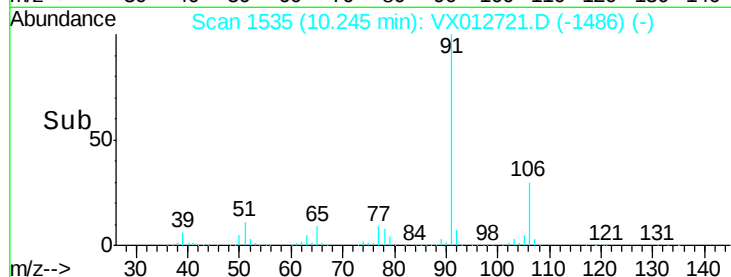
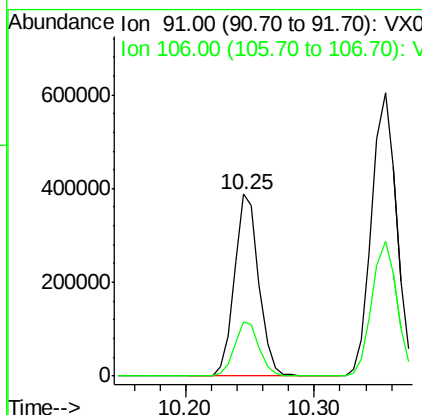
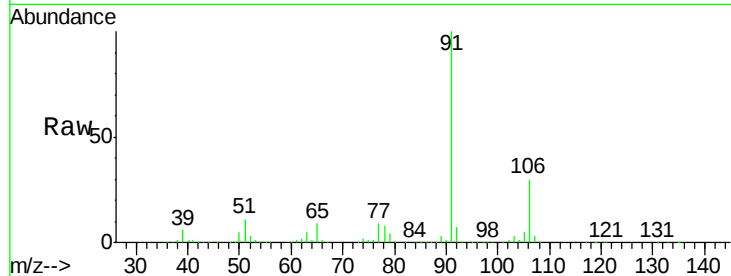
#67
Ethyl Benzene
Concen: 48.968 ug/l
RT: 10.25 min Scan# 1535
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 512651
Ion Ratio Lower Upper
91 100
106 29.7 24.6 37.0

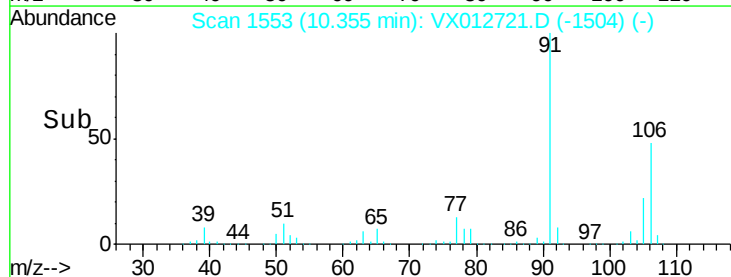
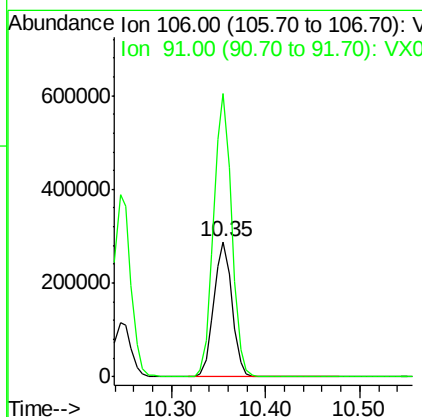
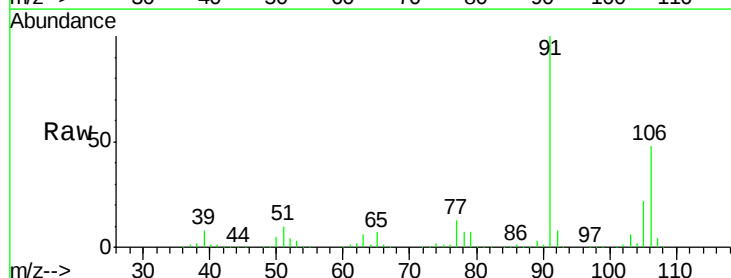
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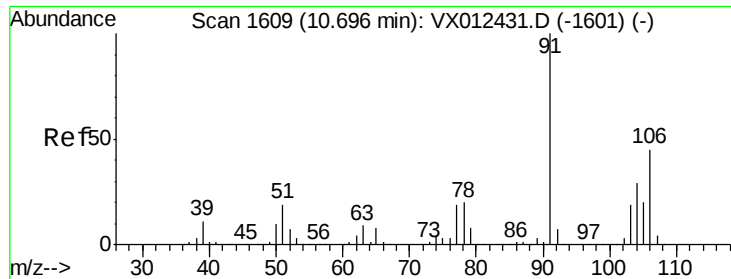
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#68
m/p-Xylenes
Concen: 98.072 ug/l
RT: 10.35 min Scan# 1553
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion: 106 Resp: 384613
Ion Ratio Lower Upper
106 100
91 208.7 166.6 250.0





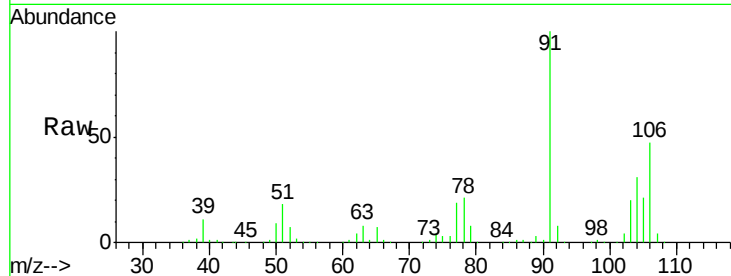
#69
o-Xylene
Concen: 48.758 ug/l
RT: 10.70 min Scan# 1609
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

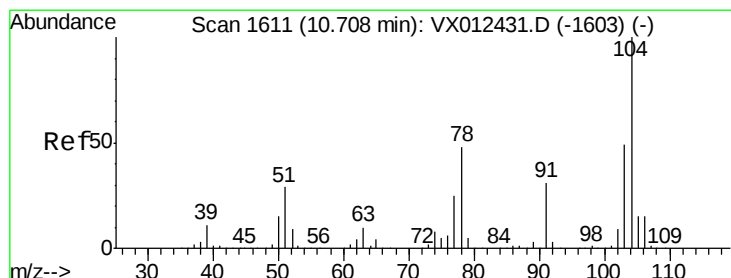
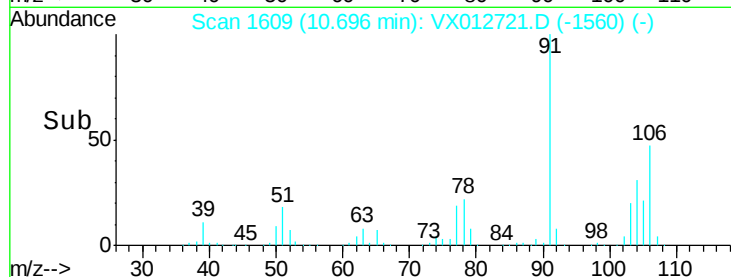
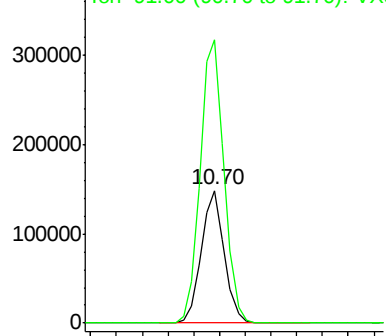
Tot Ion	Ion	Ratio	Resp	Lower	Upper
106	100		185023		
91	222.1	109.4	328.2		

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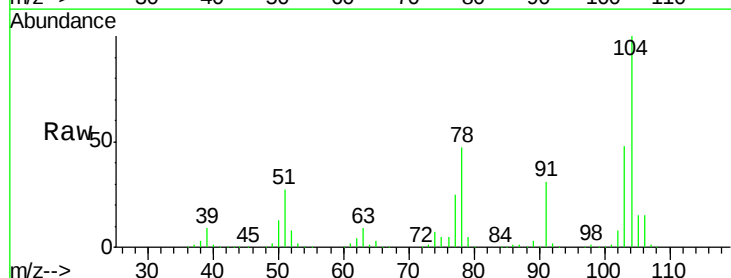


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

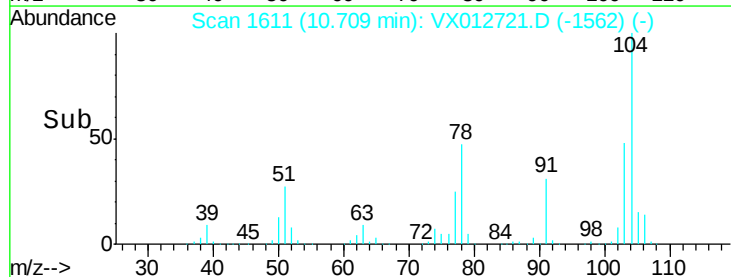
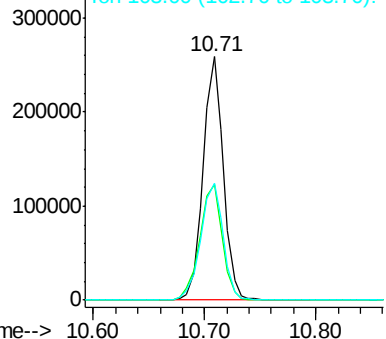


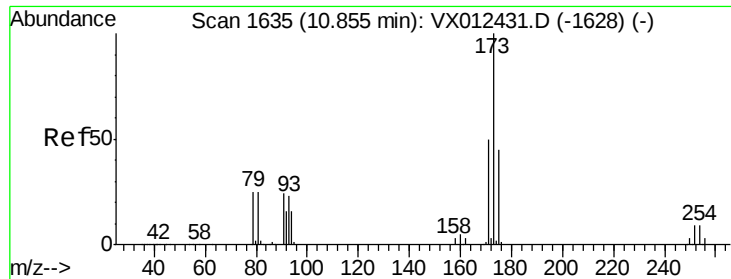
#70
Styrene
Concen: 50.961 ug/l
RT: 10.71 min Scan# 1611
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
104	100		324196		
78	53.1	43.4	65.2		
103	53.5	43.3	64.9		



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 51.930 ug/l

RT: 10.85 min Scan# 1635

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 75623

Ion Ratio Lower Upper

173 100

175 47.7 23.7 71.1

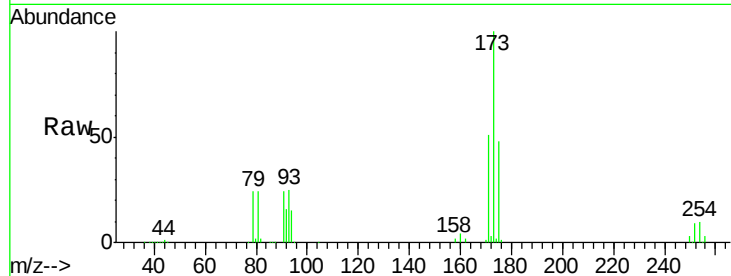
254 0.2 0.1 0.1#

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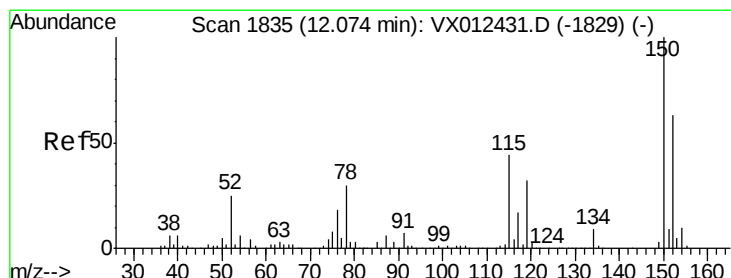
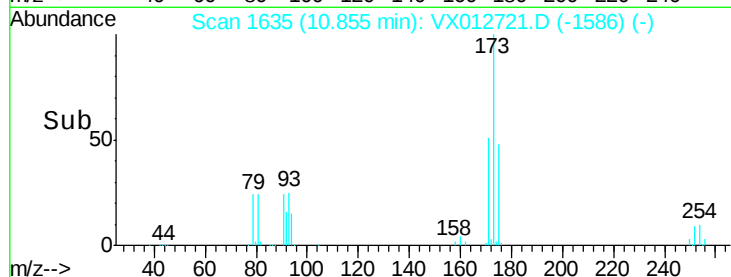
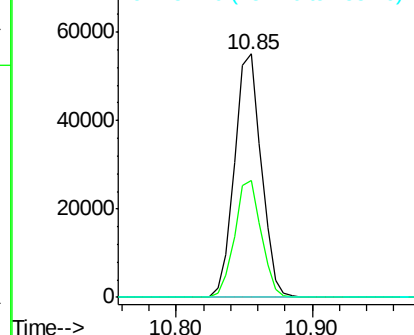
10/1/2019 10:08:02 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

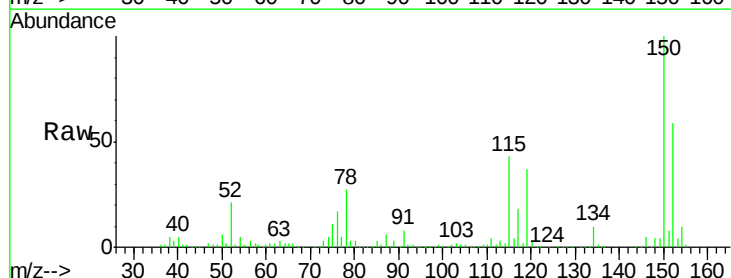
Tgt Ion:152 Resp: 125210

Ion Ratio Lower Upper

152 100

115 92.7 44.1 132.3

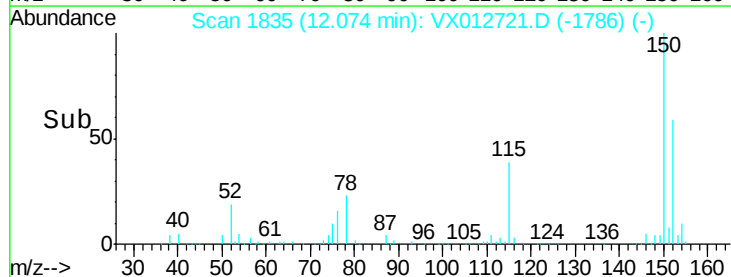
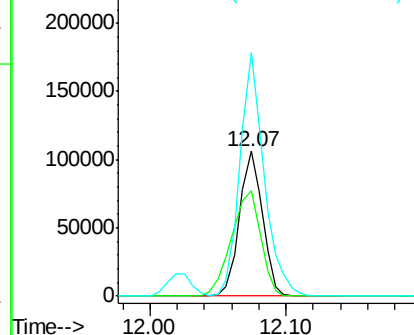
150 177.5 0.0 343.8

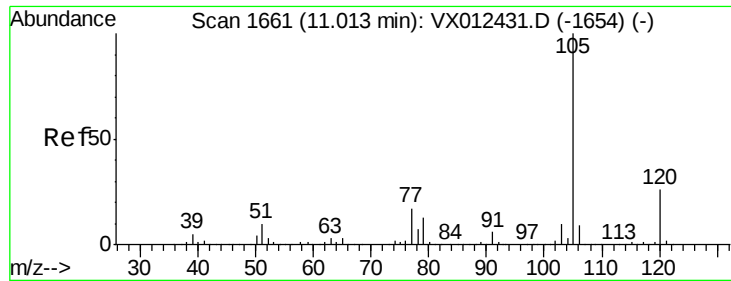


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.309 ug/l

RT: 11.01 min Scan# 1661

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 105 Resp: 502850

Ion Ratio Lower Upper

105 100

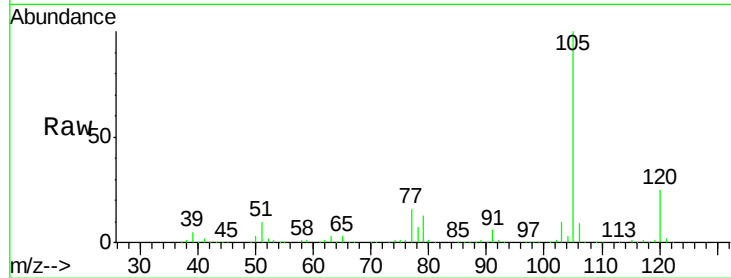
120 25.6 12.9 38.7

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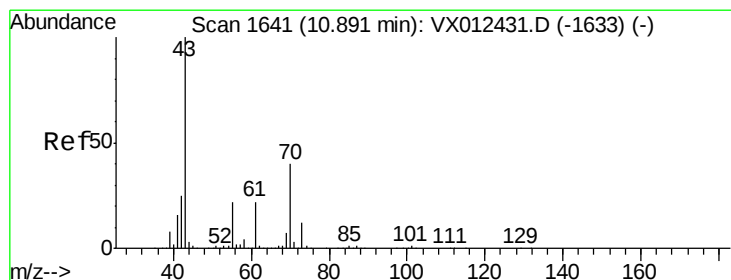
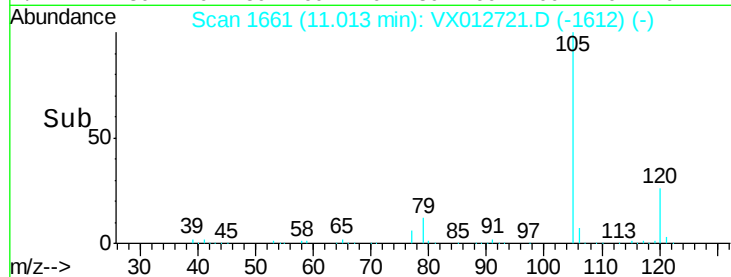
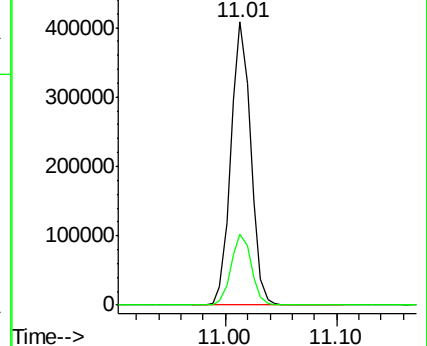
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 48.922 ug/l

RT: 10.89 min Scan# 1641

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion: 43 Resp: 238010

Ion Ratio Lower Upper

43 100

70 42.8 32.4 48.6

55 24.1 18.2 27.4

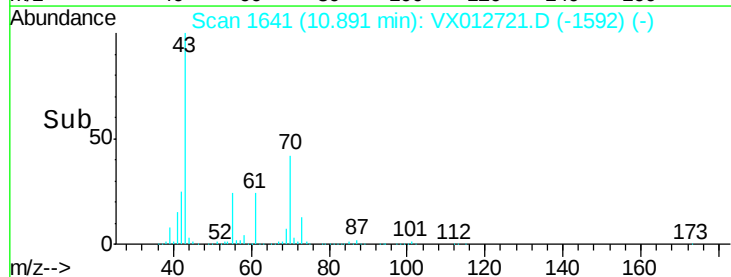
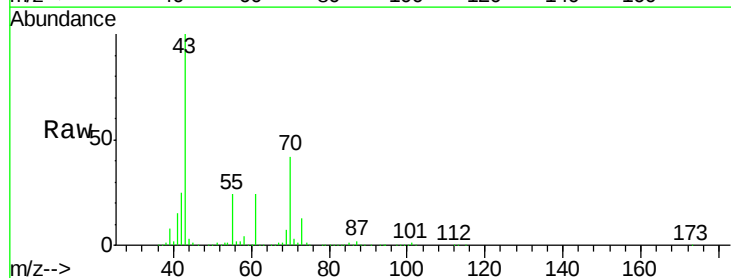
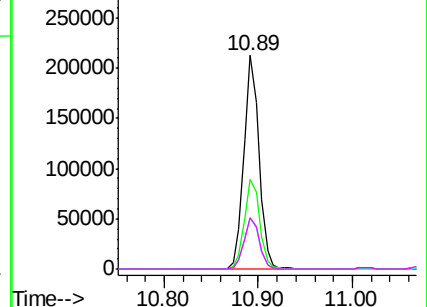
61 24.5 18.5 27.7

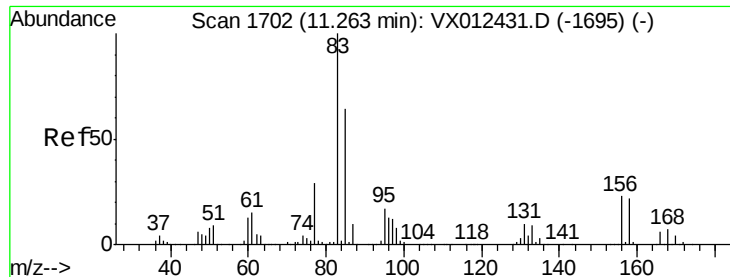
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.038 ug/l

RT: 11.26 min Scan# 1702

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

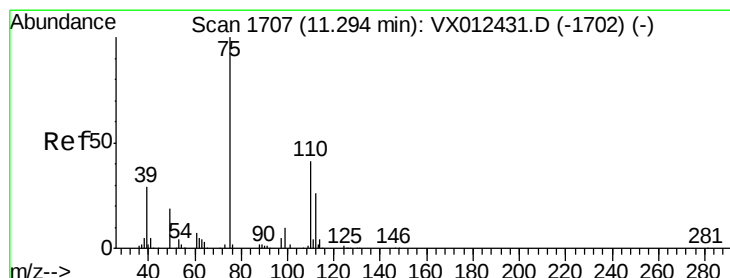
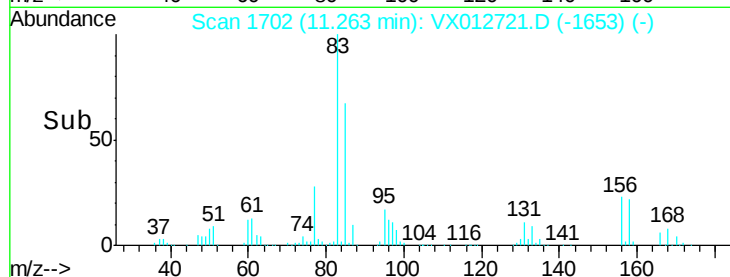
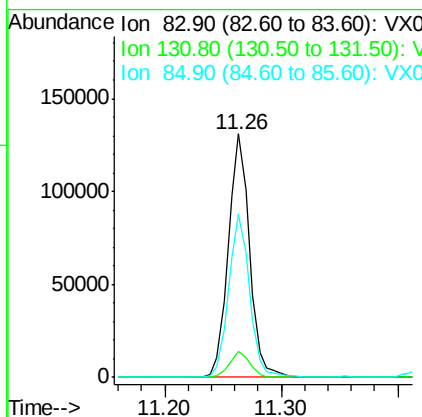
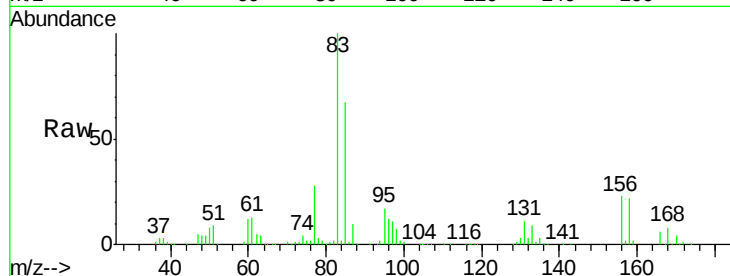
ClientSampled :

VSTDCCC050EC

Tot Ion:	83	Resp:	165621
Ion Ratio	Lower	Upper	
83	100		
131	10.4	5.2	15.6
85	66.5	32.0	96.0

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#76

1,2,3-Trichloropropane

Concen: 49.016 ug/l m

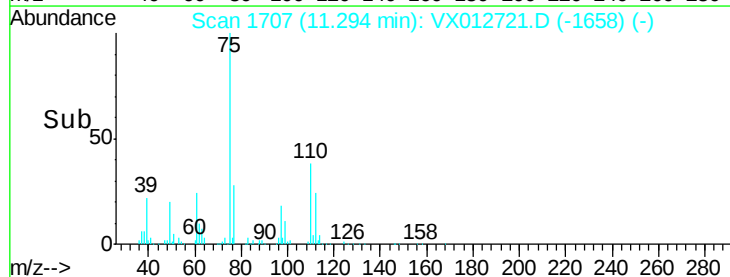
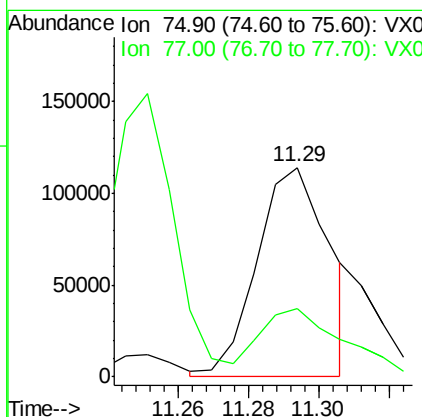
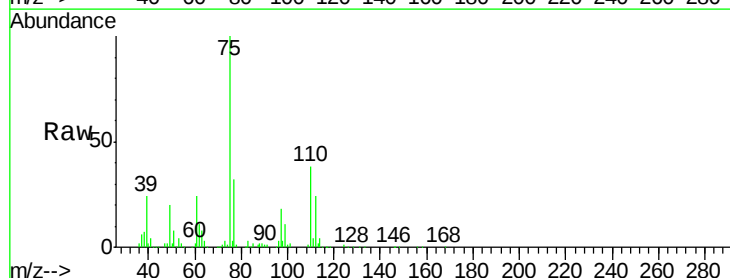
RT: 11.29 min Scan# 1707

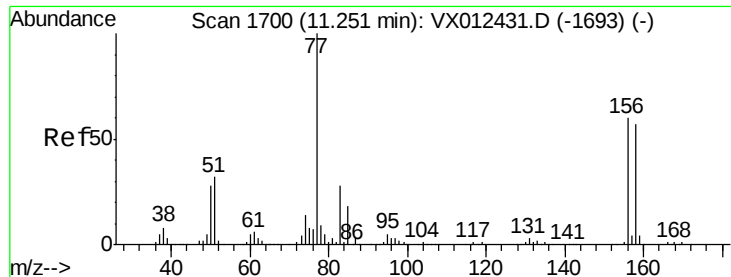
Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion:	75	Resp:	162345
Ion Ratio	Lower	Upper	
75	100		
77	37.8	19.7	59.0





#77

Bromobenzene

Concen: 49.443 ug/l

RT: 11.25 min Scan# 1700

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

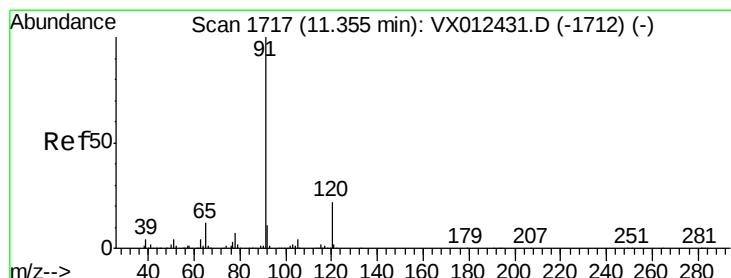
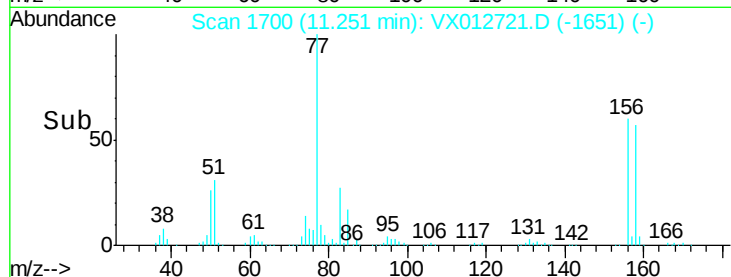
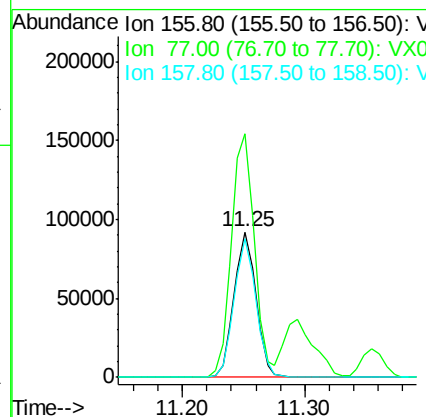
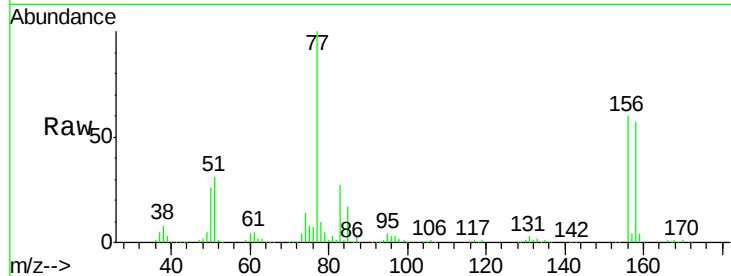
ClientSampleId :

VSTDCCC050EC

Tot Ion:	156	Resp:	114119
Ion Ratio	Lower	Upper	
156	100		
77	174.8	87.3	261.8
158	95.3	48.5	145.6

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#78

n-propylbenzene

Concen: 48.307 ug/l

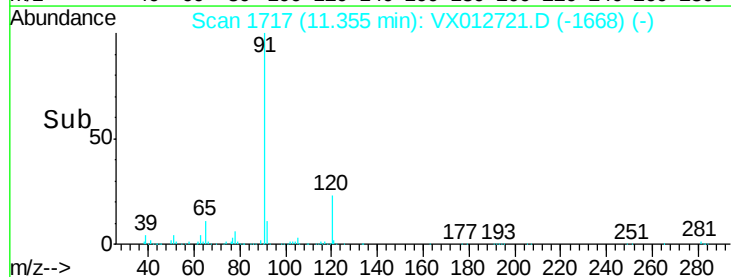
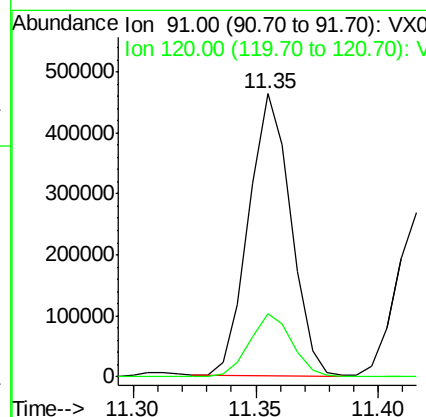
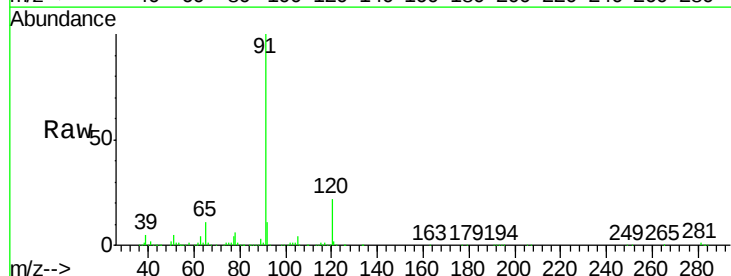
RT: 11.35 min Scan# 1717

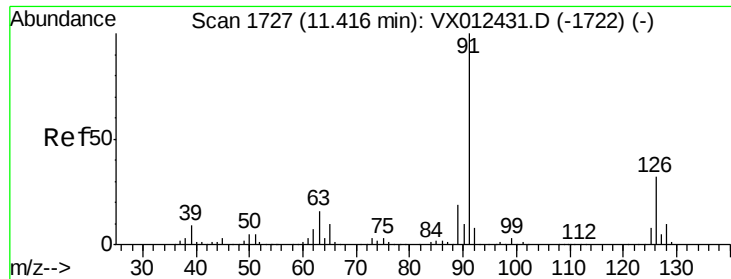
Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Tgt Ion:	91	Resp:	554622
Ion Ratio	Lower	Upper	
91	100		
120	22.5	11.3	33.8





#79

2-Chlorotoluene

Concen: 47.639 ug/l

RT: 11.42 min Scan# 1727

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 341194

Ion Ratio Lower Upper

91 100

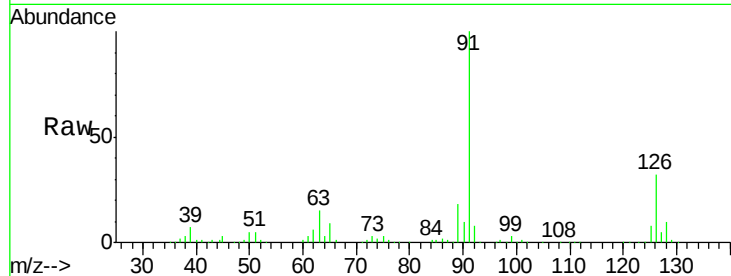
126 32.1 16.4 49.4

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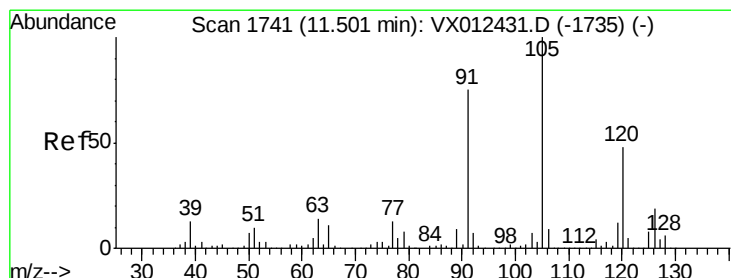
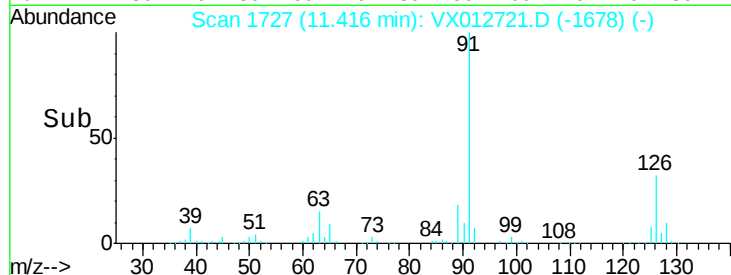
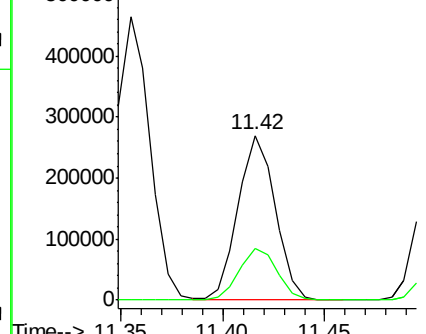
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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 49.381 ug/l

RT: 11.50 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX012721.D

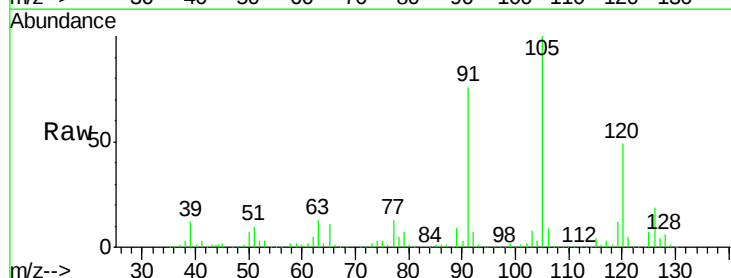
Acq: 30 Sep 2019 21:23

Tgt Ion:105 Resp: 422301

Ion Ratio Lower Upper

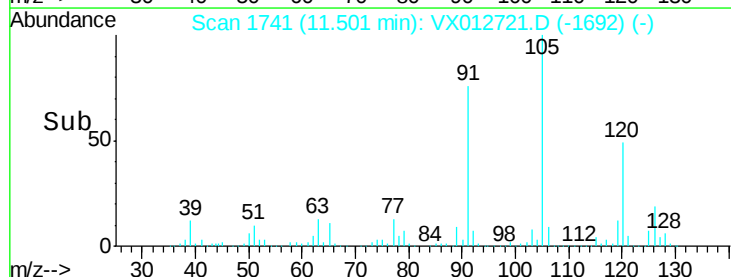
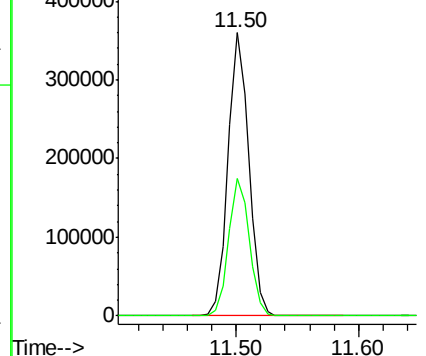
105 100

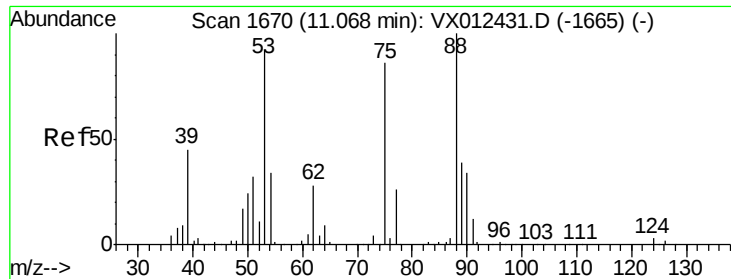
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 45.646 ug/l

RT: 11.07 min Scan# 1670

Delta R.T. 0.00 min

Lab File: VX012721.D

Acq: 30 Sep 2019 21:23

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 75 Resp: 52755

Ion Ratio Lower Upper

75 100

53 100.1 83.6 125.4

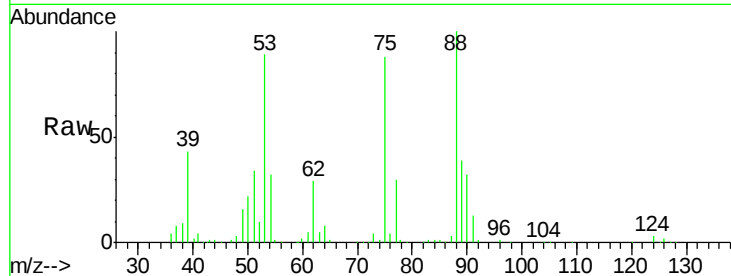
89 45.6 36.3 54.5

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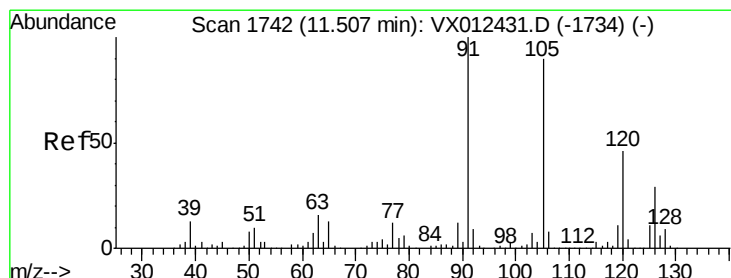
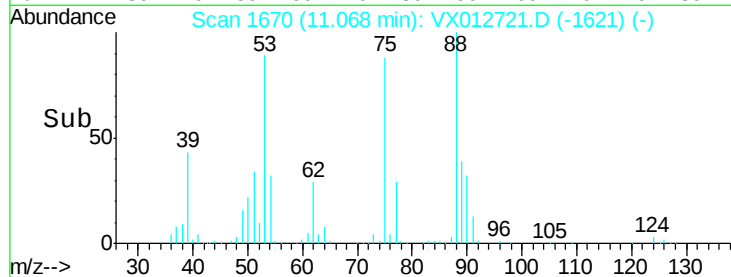
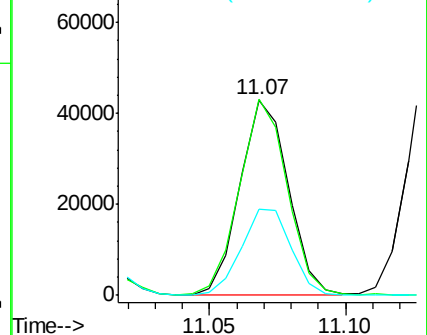
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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.407 ug/l

RT: 11.51 min Scan# 1742

Delta R.T. 0.00 min

Lab File: VX012721.D

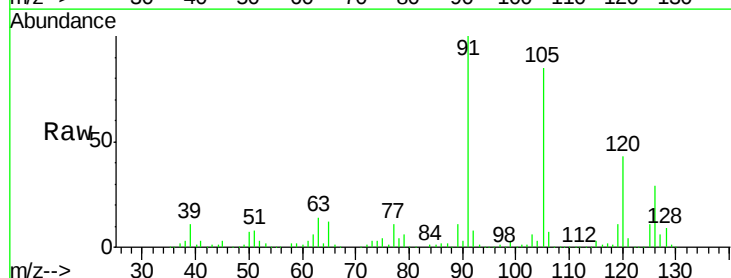
Acq: 30 Sep 2019 21:23

Tgt Ion: 91 Resp: 403383

Ion Ratio Lower Upper

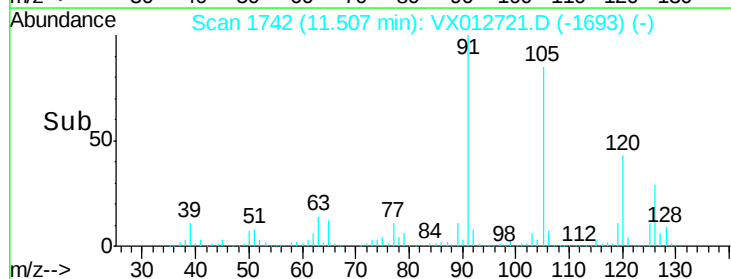
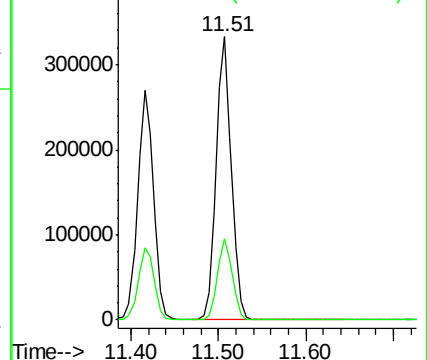
91 100

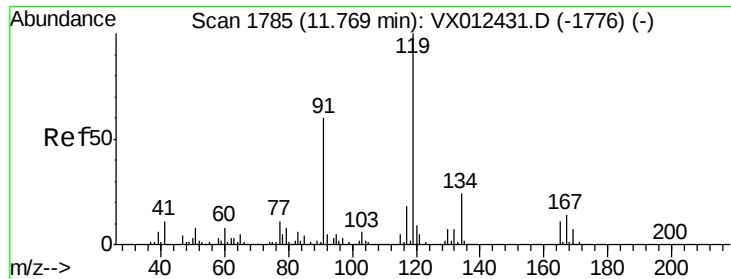
126 28.0 14.4 43.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





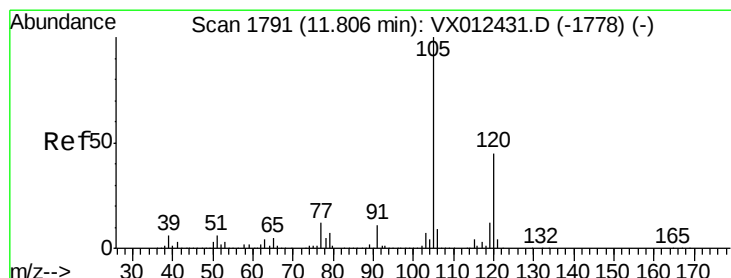
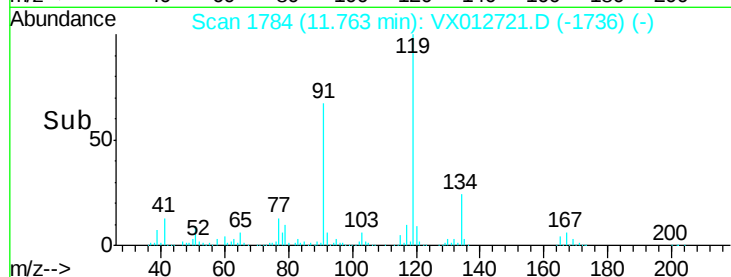
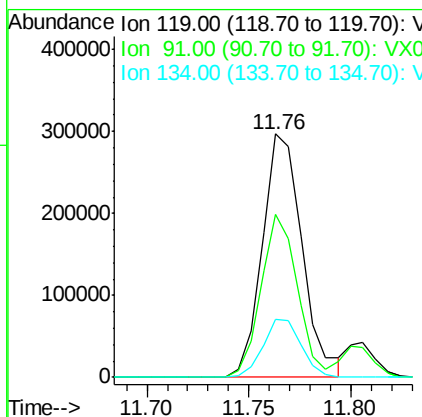
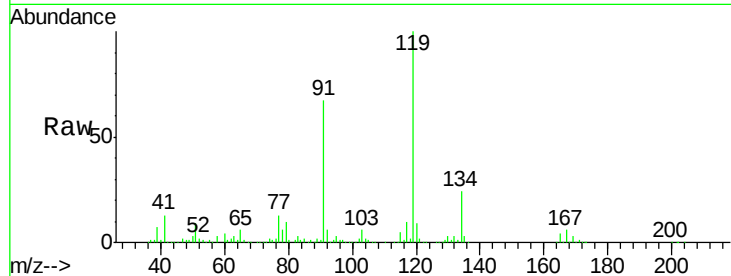
#83
 tert-Butylbenzene
 Concen: 49.166 ug/l
 RT: 11.76 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
119	100	405586		
91	61.1	30.0	90.0	
134	22.7	11.3	33.9	

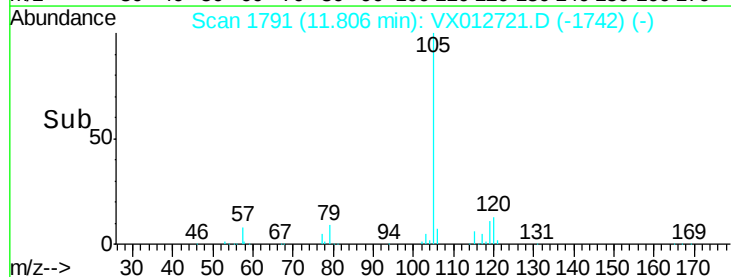
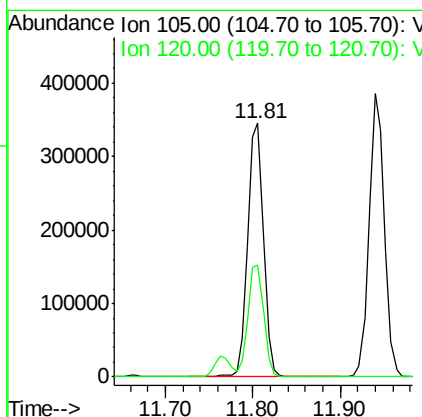
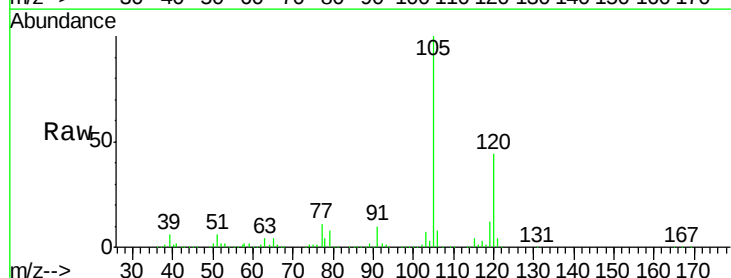
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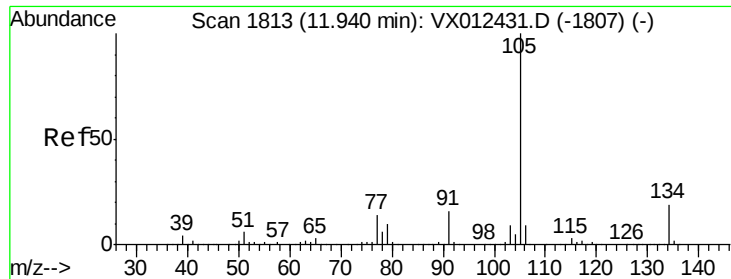
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.480 ug/l
 RT: 11.81 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	426858		
120	44.2	22.2	66.6	





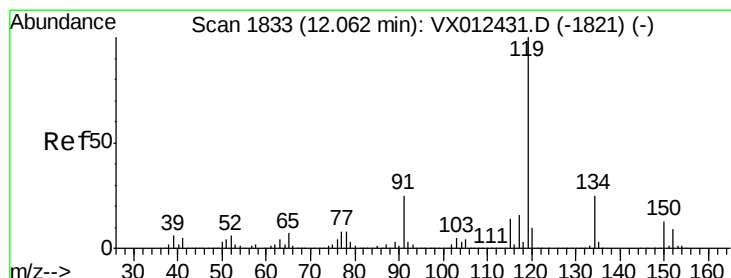
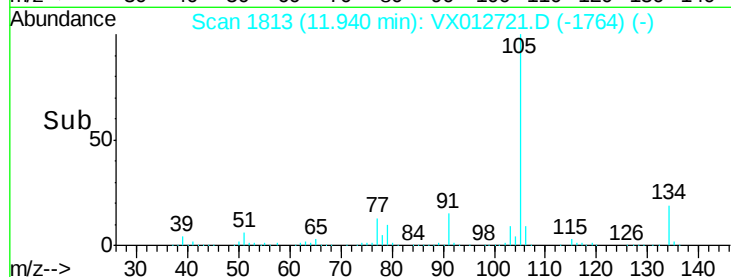
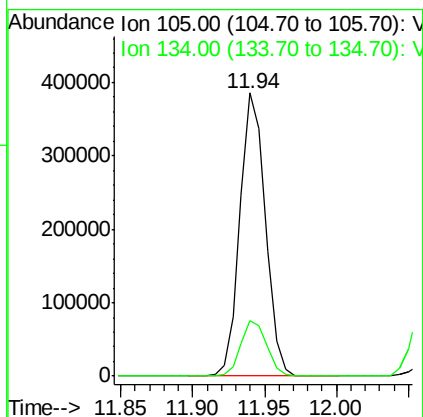
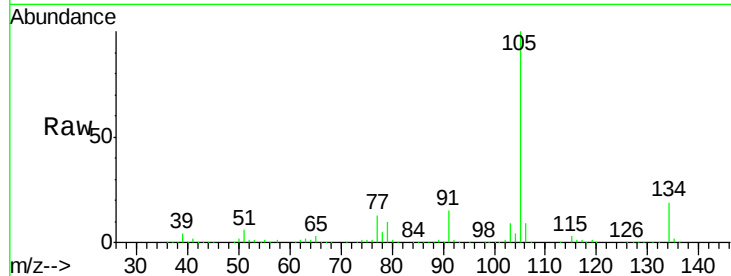
#85
 sec-Butylbenzene
 Concen: 49.424 ug/l
 RT: 11.94 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
105	100		
134	19.7	9.8	29.4

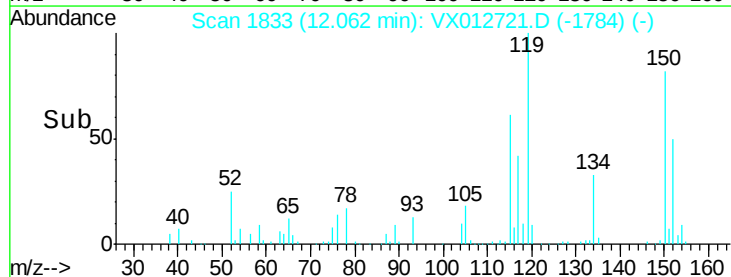
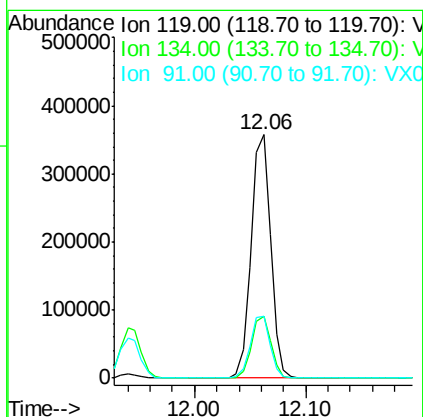
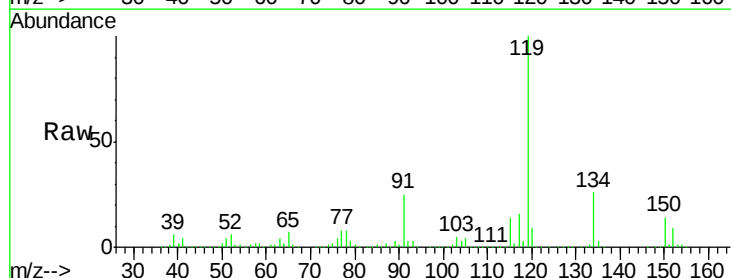
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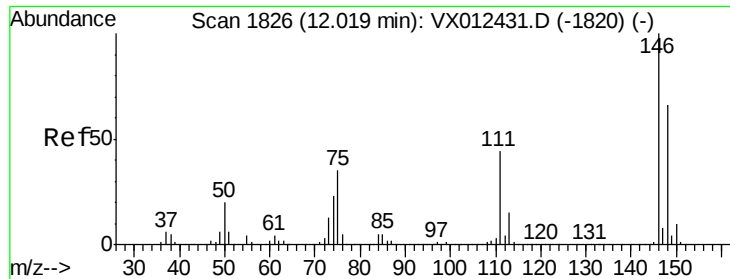
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#86
 p-Isopropyltoluene
 Concen: 50.431 ug/l
 RT: 12.06 min Scan# 1833
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
119	100		
134	25.2	12.7	38.1
91	25.6	12.8	38.4





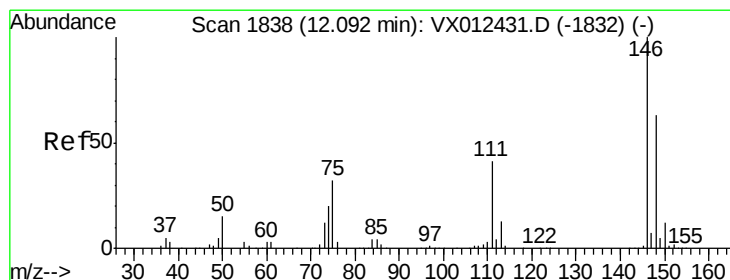
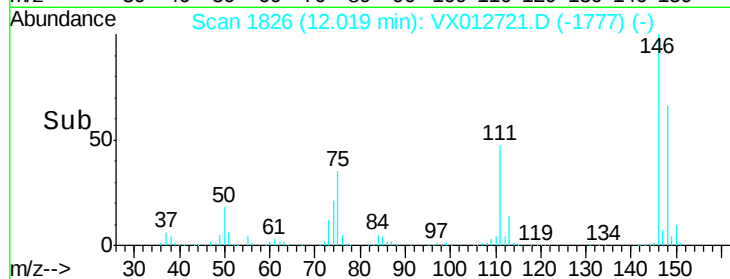
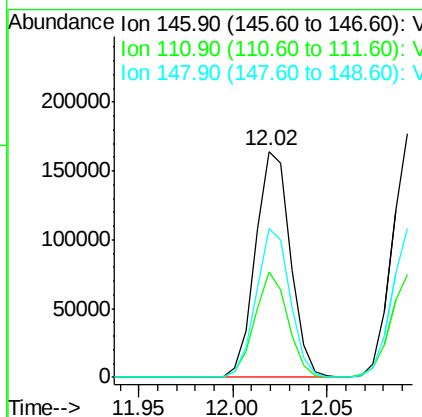
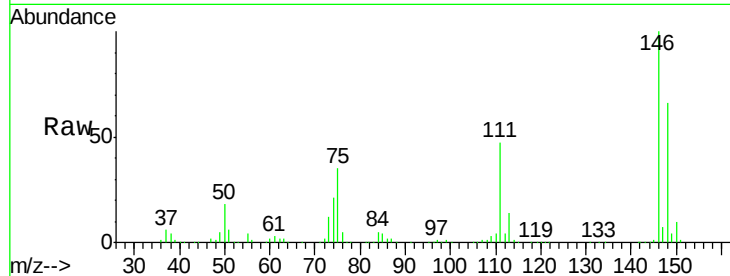
#87
 1,3-Dichlorobenzene
 Concen: 50.686 ug/l
 RT: 12.02 min Scan# 1826
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	44.3	21.3	64.0
148	64.2	32.4	97.2

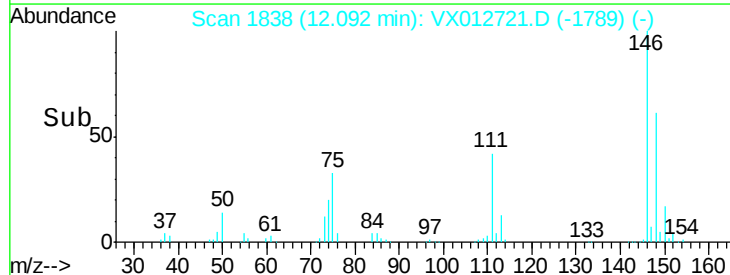
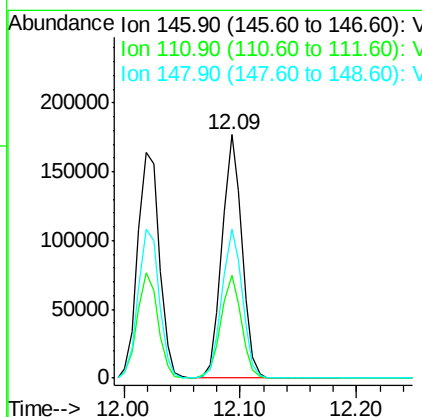
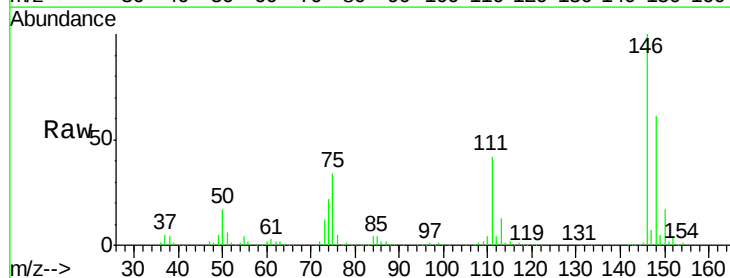
Manual Integrations
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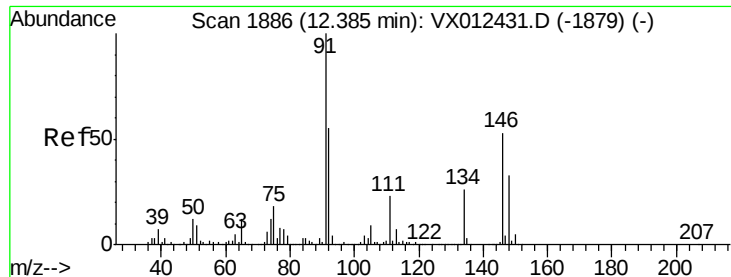
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#88
 1,4-Dichlorobenzene
 Concen: 49.635 ug/l
 RT: 12.09 min Scan# 1838
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
146	100		
111	43.0	21.1	63.3
148	63.0	32.1	96.5





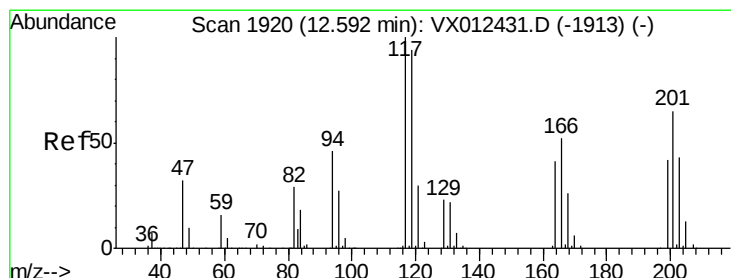
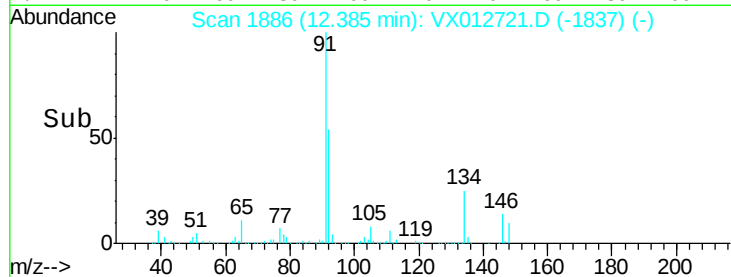
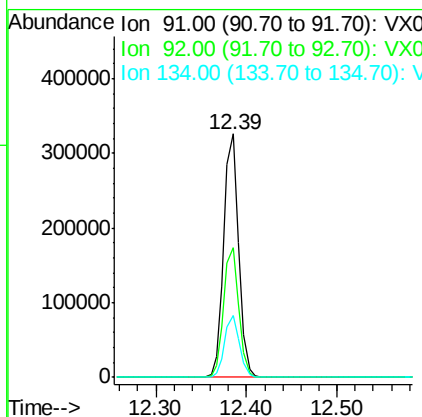
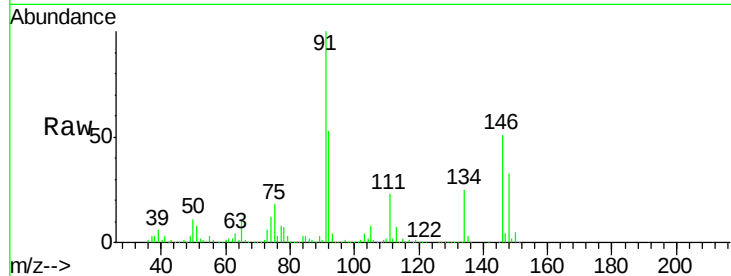
#89
n-Butylbenzene
Concen: 48.813 ug/l
RT: 12.39 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	54.2	27.7	83.0
134	25.3	12.9	38.6

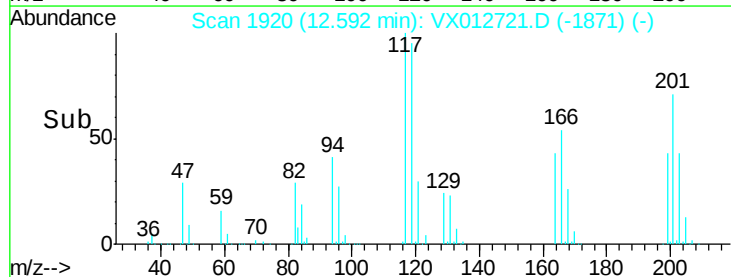
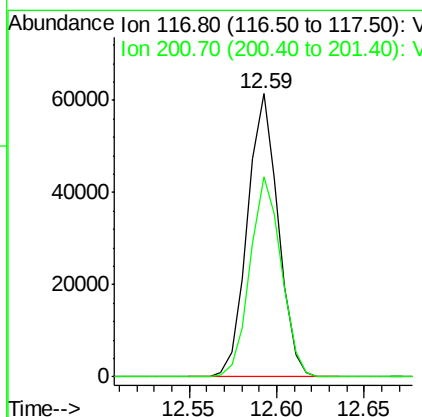
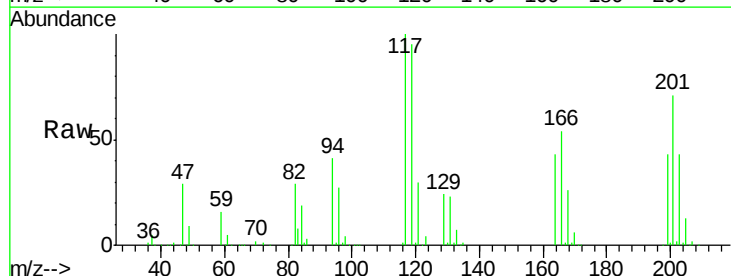
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#90
Hexachloroethane
Concen: 48.634 ug/l
RT: 12.59 min Scan# 1920
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
117	100		
201	71.7	33.3	99.8





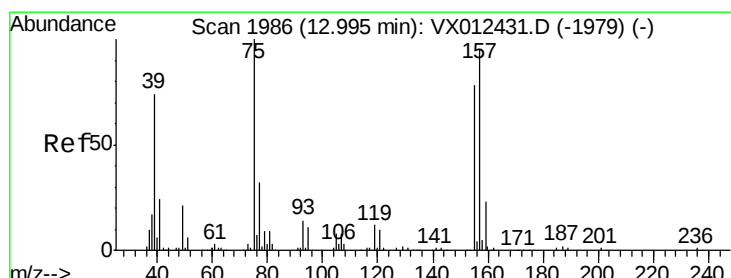
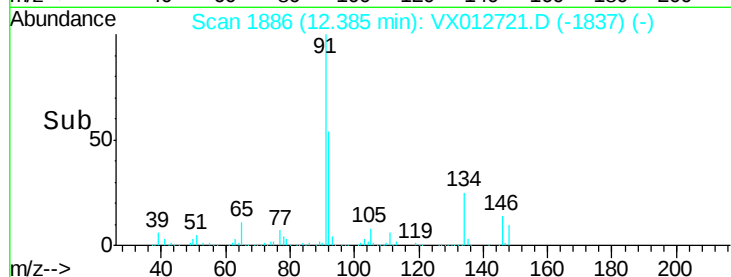
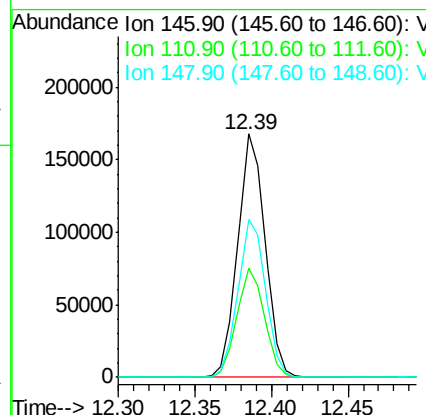
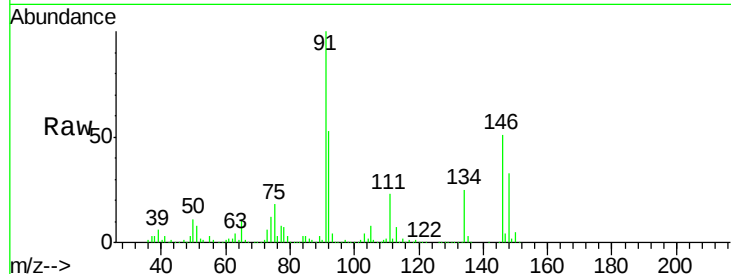
#91
 1,2-Dichlorobenzene
 Concen: 50.195 ug/l
 RT: 12.39 min Scan# 1886
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	208731		
111	44.9	22.1	66.1	
148	65.1	31.3	93.9	

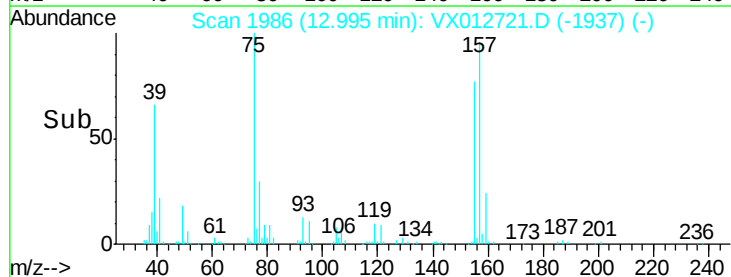
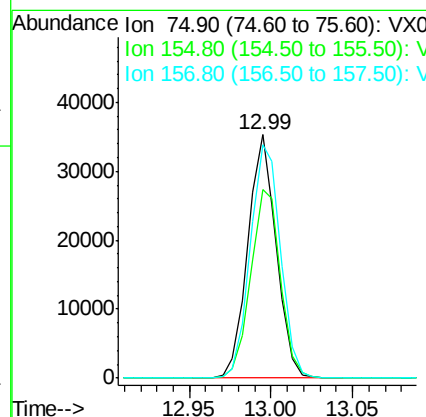
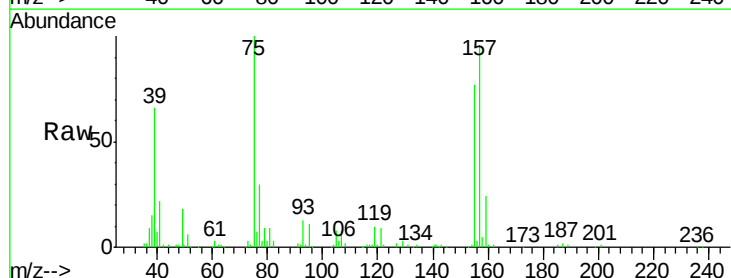
Manual Integrations
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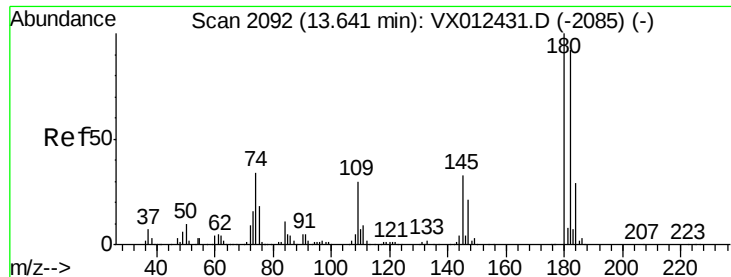
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 50.642 ug/l
 RT: 12.99 min Scan# 1986
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	42785		
155	81.1	38.6	115.8	
157	102.1	50.6	151.9	





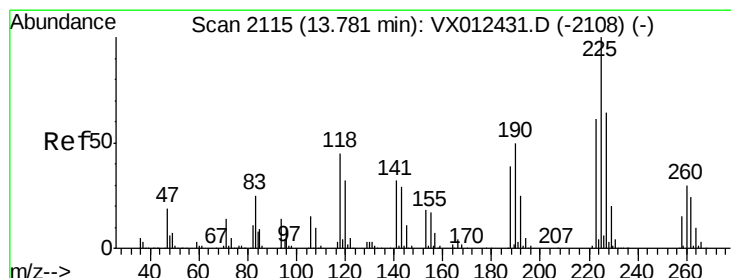
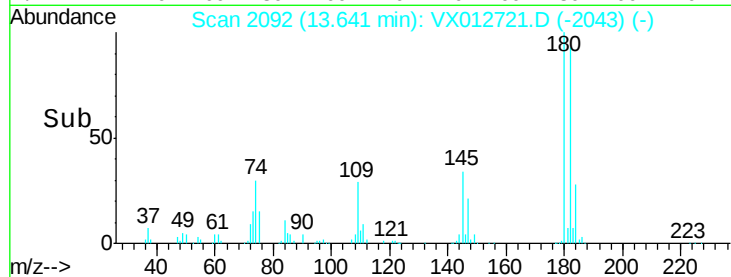
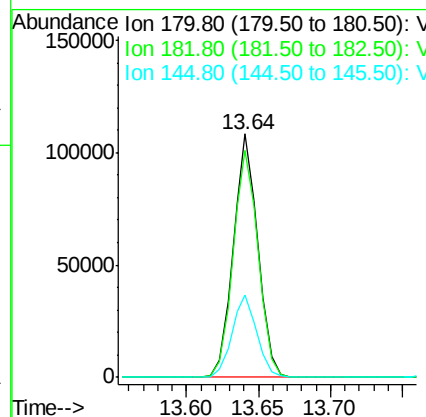
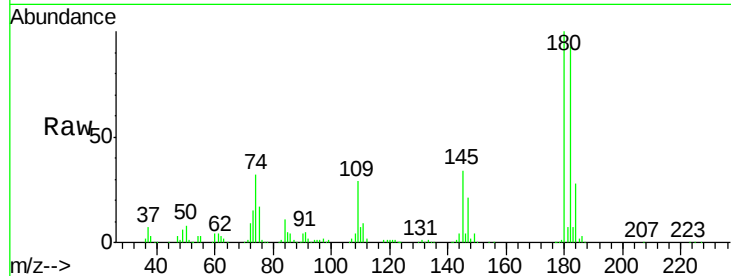
#93
 1,2,4-Trichlorobenzene
 Concen: 51.095 ug/l
 RT: 13.64 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	129577		
182	95.0	47.0	141.0	
145	34.2	16.8	50.4	

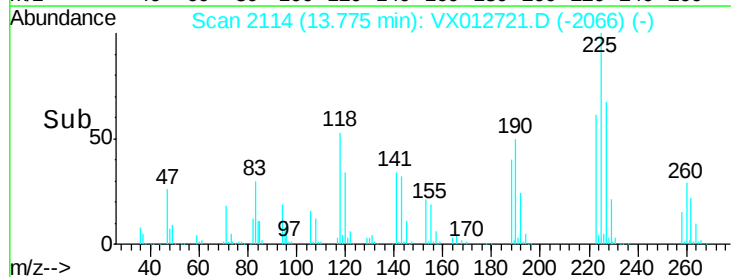
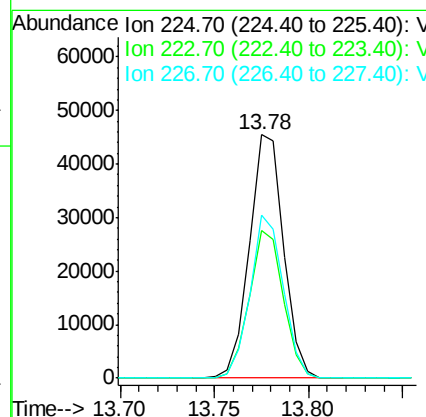
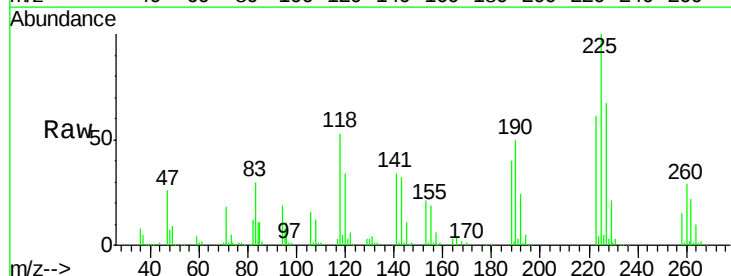
Manual Integrations
 APPROVED

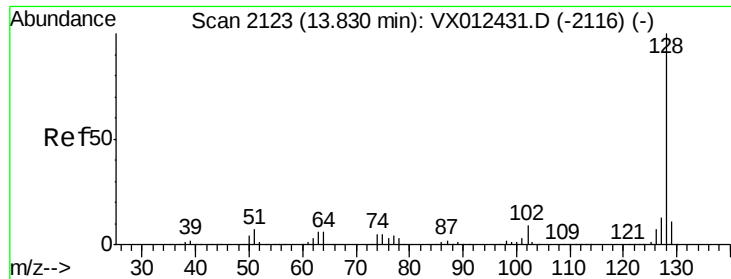
MMDadoda
 10/1/2019 10:08:02 AM



#94
 Hexachlorobutadiene
 Concen: 52.412 ug/l
 RT: 13.78 min Scan# 2114
 Delta R.T. -0.01 min
 Lab File: VX012721.D
 Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	57181		
223	60.6	32.0	96.2	
227	64.8	31.9	95.5	





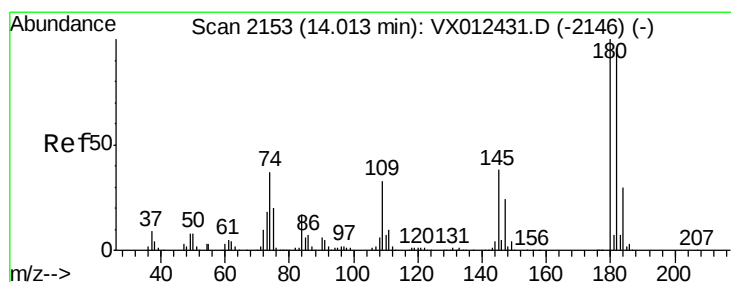
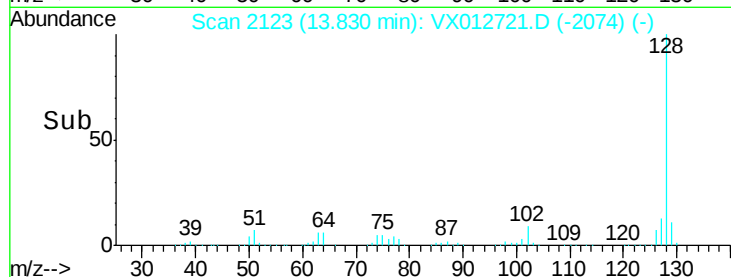
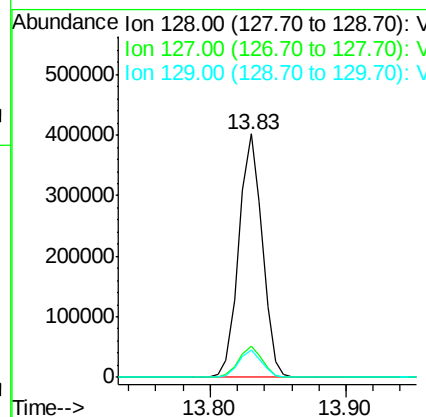
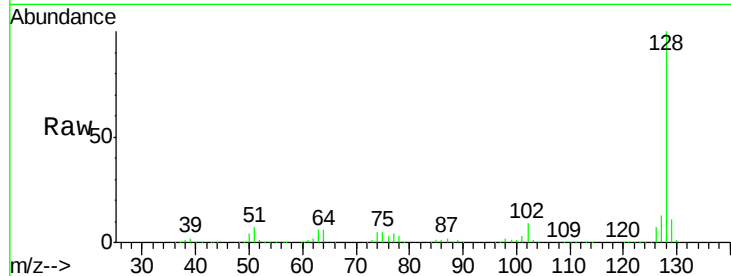
#95
Naphthalene
Concen: 52.475 ug/l
RT: 13.83 min Scan# 2123
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.2	15.4
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
10/1/2019 10:08:02 AM



#96
1,2,3-Trichlorobenzene
Concen: 52.266 ug/l
RT: 14.01 min Scan# 2153
Delta R.T. 0.00 min
Lab File: VX012721.D
Acq: 30 Sep 2019 21:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.2	47.1	141.3
145	36.0	18.0	54.0

