

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061219\
 Data File : VX010239.D
 Acq On : 12 Jun 2019 09:46
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/13/2019 9:17:27 AM

Quant Time: Jun 13 01:42:13 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	325003	50.00	ug/l	-0.01
34) 1,4-Difluorobenzene	6.85	114	475528	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	437190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229440	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	146179	46.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.16%	
35) Dibromofluoromethane	5.49	113	147033	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
50) Toluene-d8	8.71	98	563025	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	
62) 4-Bromofluorobenzene	11.13	95	210582	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	153020	51.169	ug/l	99
3) Chloromethane	1.32	50	135165	45.512	ug/l	98
4) Vinyl Chloride	1.40	62	151938	54.433	ug/l	100
5) Bromomethane	1.64	94	60437	57.378	ug/l	97
6) Chloroethane	1.71	64	87932	62.482	ug/l	100
7) Trichlorofluoromethane	1.92	101	234866	56.645	ug/l	100
8) Diethyl Ether	2.18	74	82792	57.934	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140036	48.996	ug/l	92
10) Methyl Iodide	2.51	142	199563	45.066	ug/l	97
11) Tert butyl alcohol	3.04	59	184422	237.305	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134112	45.941	ug/l #	80
13) Acrolein	2.29	56	38049	268.507	ug/l	96
14) Allyl chloride	2.73	41	199046	45.171	ug/l #	88
15) Acrylonitrile	3.14	53	376845	237.236	ug/l	99
16) Acetone	2.44	43	443069	296.941	ug/l #	88
17) Carbon Disulfide	2.57	76	358230	42.470	ug/l	99
18) Methyl Acetate	2.77	43	155644	47.431	ug/l #	83
19) Methyl tert-butyl Ether	3.19	73	438264	46.730	ug/l	94
20) Methylene Chloride	2.85	84	151420	46.208	ug/l #	78
21) trans-1,2-Dichloroethene	3.16	96	143718	44.487	ug/l #	79
22) Diisopropyl ether	3.85	45	410399	48.712	ug/l #	82
23) Vinyl Acetate	3.81	43	1814943	241.478	ug/l #	87
24) 1,1-Dichloroethane	3.69	63	237781	46.485	ug/l	95
25) 2-Butanone	4.67	43	593597	267.159	ug/l #	81
26) 2,2-Dichloropropane	4.58	77	218157	46.749	ug/l	94
27) cis-1,2-Dichloroethene	4.59	96	170899	47.552	ug/l	78
28) Bromochloromethane	5.01	49	106208	46.328	ug/l #	48
29) Tetrahydrofuran	5.12	42	331229	237.210	ug/l #	76
30) Chloroform	5.21	83	252371	47.506	ug/l	99
31) Cyclohexane	5.57	56	222029	48.094	ug/l #	75
32) 1,1,1-Trichloroethane	5.49	97	230803	46.214	ug/l #	93
36) 1,1-Dichloropropene	5.79	75	187765	48.398	ug/l	91
37) Ethyl Acetate	4.83	43	194384	48.155	ug/l #	92
38) Carbon Tetrachloride	5.78	117	212792	48.458	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	259291	49.082	ug/l #	82
40) Benzene	6.14	78	590184	49.197	ug/l	98
41) Methacrylonitrile	5.04	41	105407	48.274	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	181342	47.350	ug/l	93
43) Isopropyl Acetate	6.44	43	326478	48.373	ug/l #	89
44) Trichloroethene	7.21	130	178464	49.353	ug/l	86
45) 1,2-Dichloropropane	7.51	63	147632	49.168	ug/l	98
46) Dibromomethane	7.66	93	107330	47.713	ug/l	90
47) Bromodichloromethane	7.89	83	206245	49.066	ug/l	99
48) Methyl methacrylate	7.76	41	153882	48.753	ug/l #	77
49) 1,4-Dioxane	7.73	88	88168	979.729	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	1042166	258.477	ug/l	90
52) Toluene	8.78	92	393026	49.840	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	233451	48.016	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	252104	48.368	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	166744	51.630	ug/l	95
56) Ethyl methacrylate	9.18	69	256292	50.238	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	249141	49.001	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	562386	233.838	ug/l #	86
59) 2-Hexanone	9.49	43	859874	267.481	ug/l	87
60) Dibromochloromethane	9.58	129	194506	50.917	ug/l	100
61) 1,2-Dibromoethane	9.67	107	178028	49.495	ug/l	100
64) Tetrachloroethene	9.34	164	163719	50.420	ug/l	95
65) Chlorobenzene	10.13	112	449580	49.825	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	173087	49.881	ug/l	100
67) Ethyl Benzene	10.25	91	767858	49.988	ug/l	94
68) m/p-Xylenes	10.35	106	601392	101.174	ug/l	90
69) o-Xylene	10.69	106	294794	49.891	ug/l	89
70) Styrene	10.71	104	510541	51.016	ug/l	94
71) Bromoform	10.85	173	162497	50.939	ug/l #	98
73) Isopropylbenzene	11.02	105	784279	48.967	ug/l	95
74) N-amyl acetate	10.90	43	302315	47.750	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	11.26	83	260670	47.545	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	219729m	47.879	ug/l	
77) Bromobenzene	11.25	156	215344	48.892	ug/l	81
78) n-propylbenzene	11.36	91	884676	49.615	ug/l	94
79) 2-Chlorotoluene	11.42	91	514363	48.030	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	659037	48.853	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	97201	46.796	ug/l #	83
82) 4-Chlorotoluene	11.51	91	589723	48.476	ug/l	90
83) tert-Butylbenzene	11.77	119	673790	49.348	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	668394	49.052	ug/l	95
85) sec-Butylbenzene	11.94	105	793948	49.911	ug/l	95
86) p-Isopropyltoluene	12.06	119	735896	50.604	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	387679	49.971	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	387703	49.574	ug/l	97
89) n-Butylbenzene	12.38	91	640644	51.179	ug/l	96
90) Hexachloroethane	12.59	117	138756	47.899	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	377742	50.084	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55302	42.865	ug/l	62

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VSTDCCC050

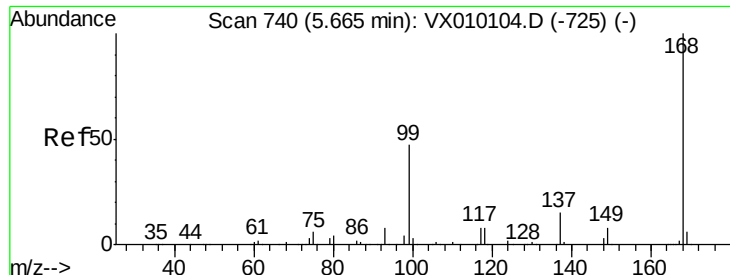
Manual Integrations
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Quant Title : SW846 8260
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	275644	49.928	ug/l	99
94) Hexachlorobutadiene	13.78	225	134631	54.833	ug/l	98
95) Naphthalene	13.83	128	846468	48.706	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	274008	50.196	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 738

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 325003

Ion Ratio Lower Upper

168 100

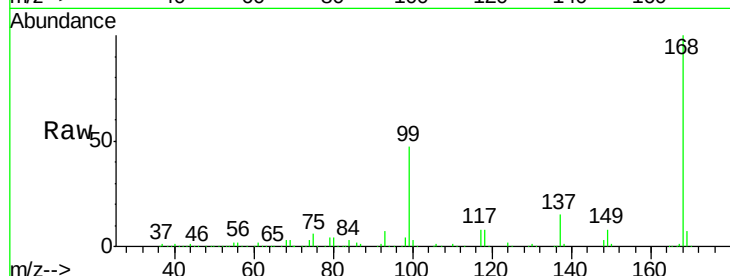
99 46.5 43.0 64.6

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

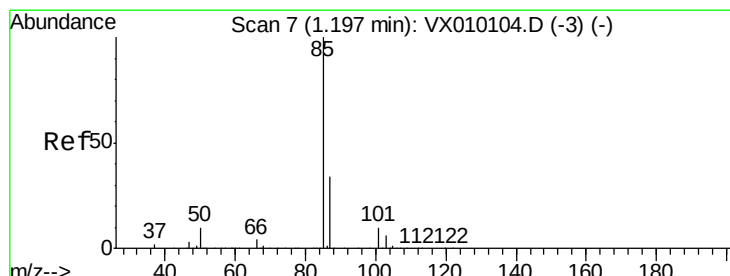
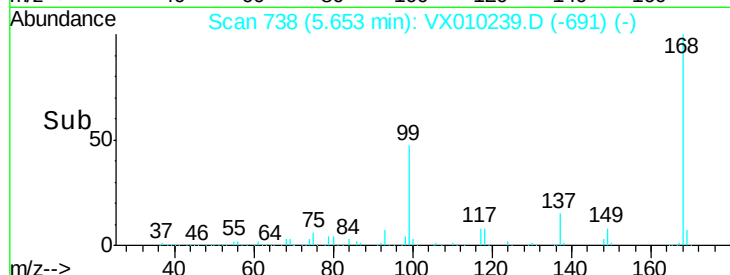
5.65

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 51.169 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX010239.D

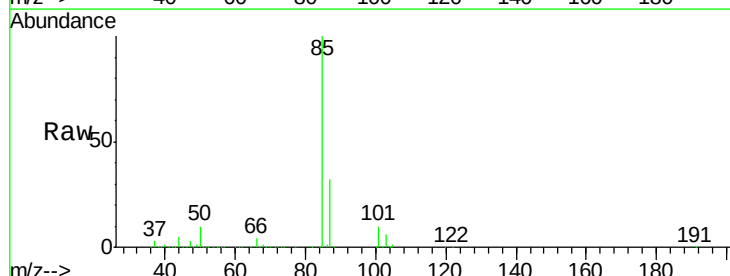
Acq: 12 Jun 2019 09:46

Tgt Ion: 85 Resp: 153020

Ion Ratio Lower Upper

85 100

87 31.8 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

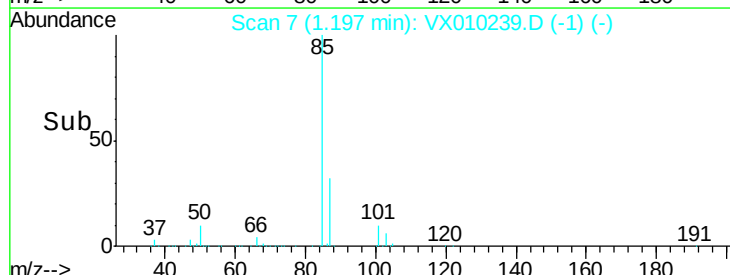
150000

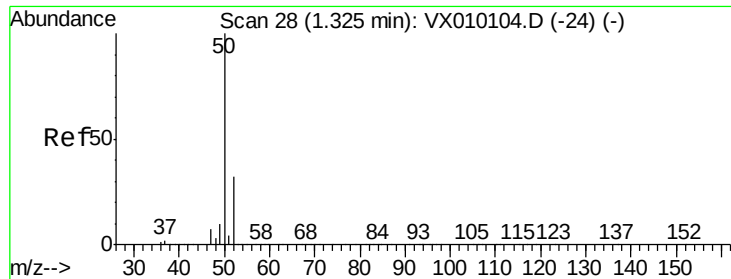
100000

50000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 45.512 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 50 Resp: 135165

Ion Ratio Lower Upper

50 100

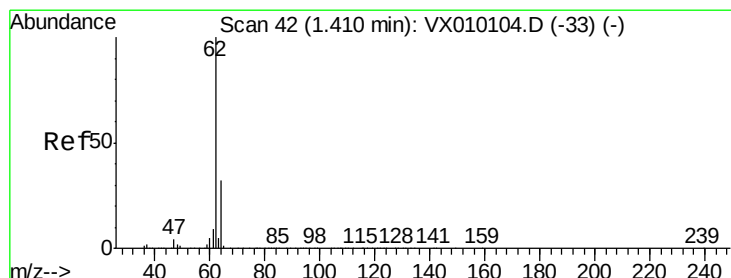
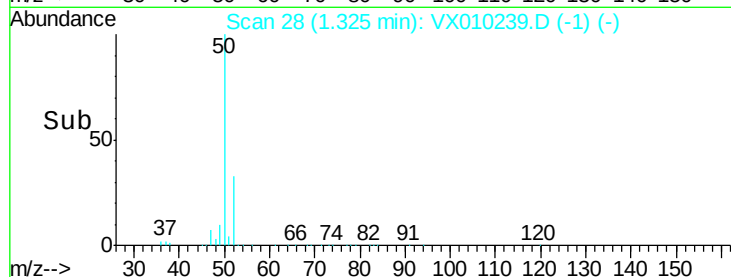
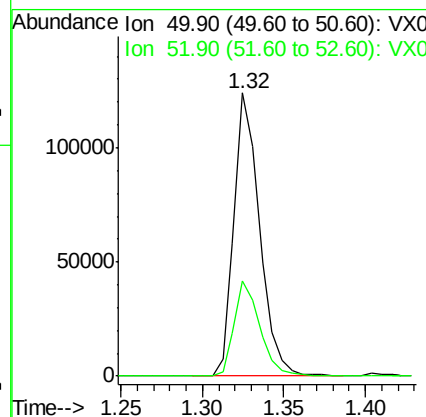
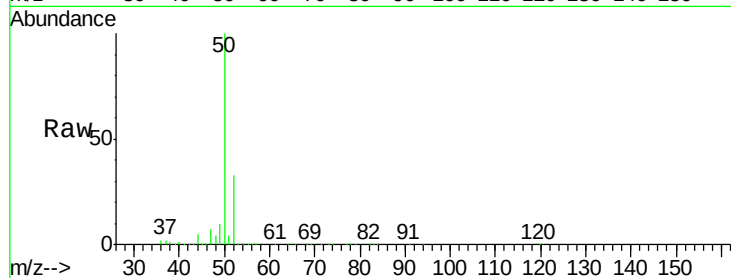
52 33.5 26.0 39.0

Manual Integrations

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#4

Vinyl Chloride

Concen: 54.433 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.01 min

Lab File: VX010239.D

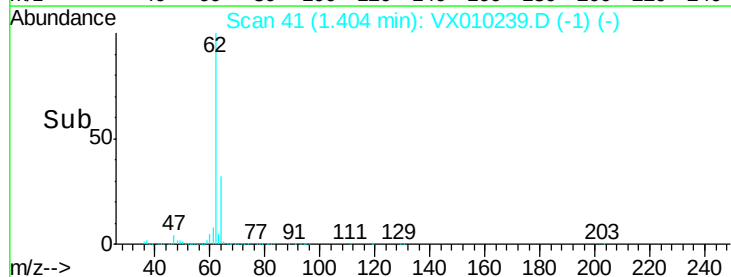
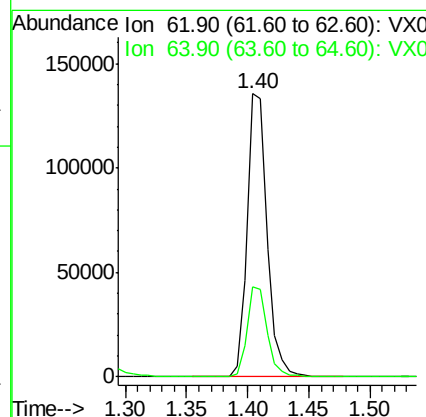
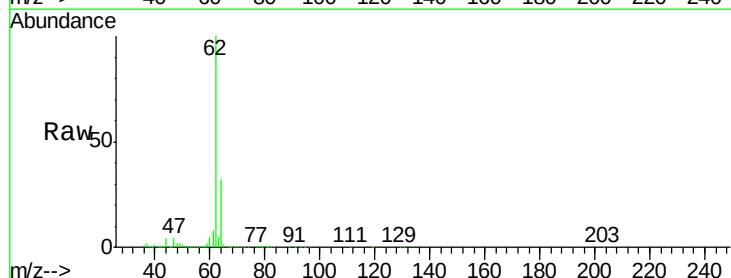
Acq: 12 Jun 2019 09:46

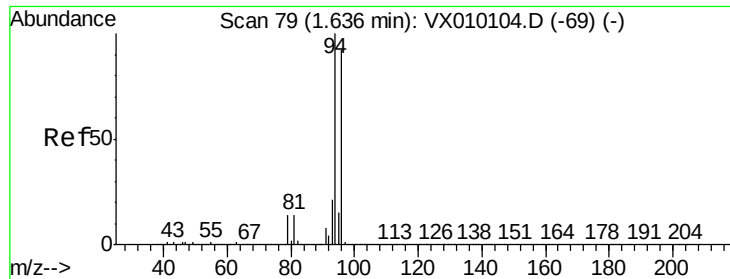
Tgt Ion: 62 Resp: 151938

Ion Ratio Lower Upper

62 100

64 31.9 25.7 38.5





#5

Bromomethane

Concen: 57.378 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tot Ion: 94 Resp: 60437

Ion Ratio Lower Upper

94 100

96 92.8 76.2 114.4

Instrument :

MSVOA_X

ClientSampleId :

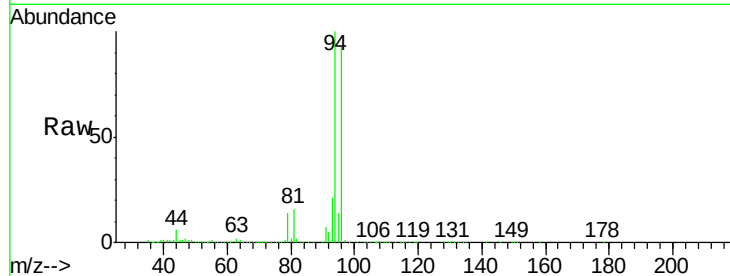
VSTDCCC050

Manual Integrations

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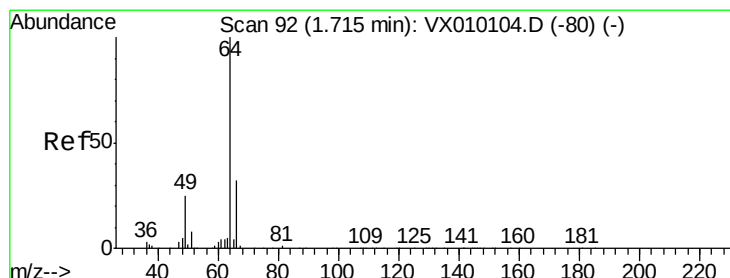
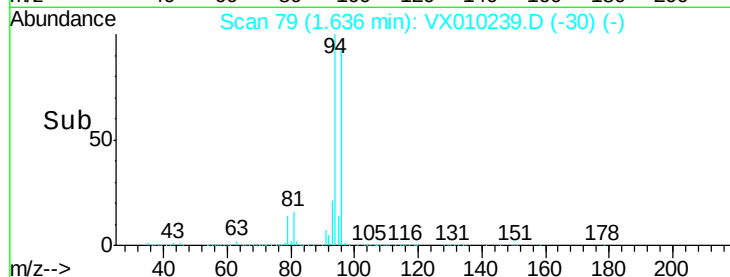
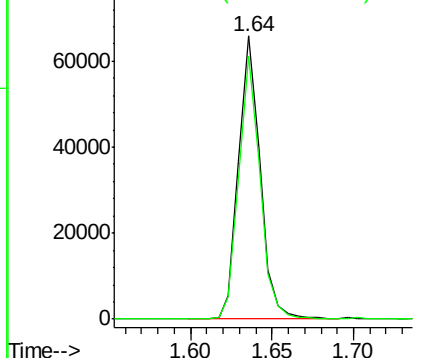
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Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 62.482 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX010239.D

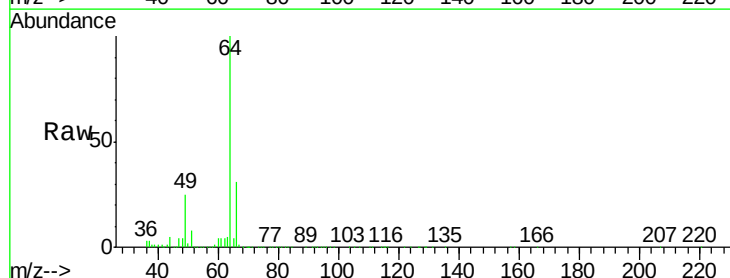
Acq: 12 Jun 2019 09:46

Tgt Ion: 64 Resp: 87932

Ion Ratio Lower Upper

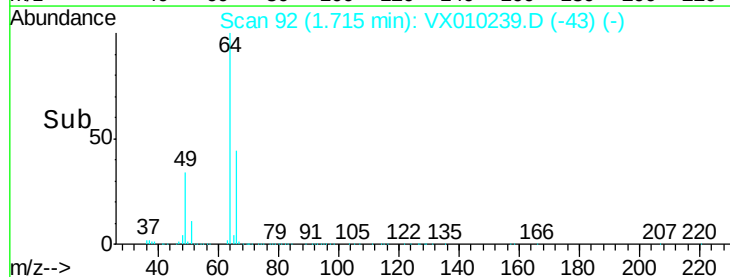
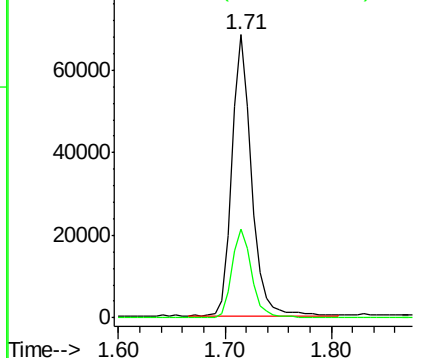
64 100

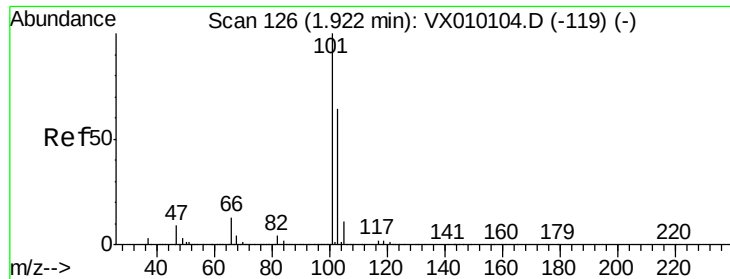
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

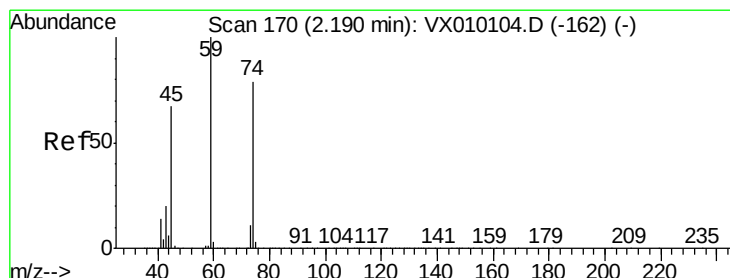
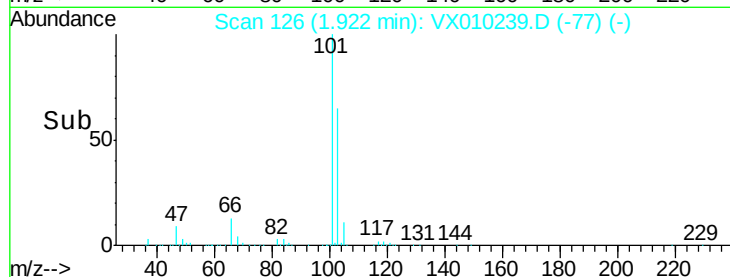
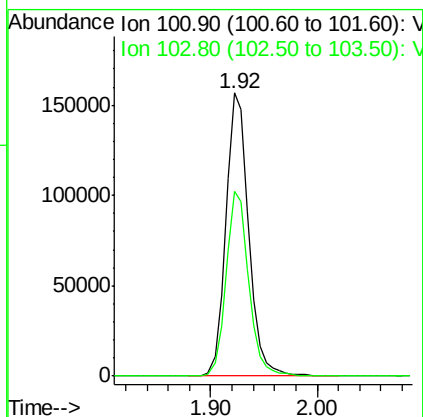
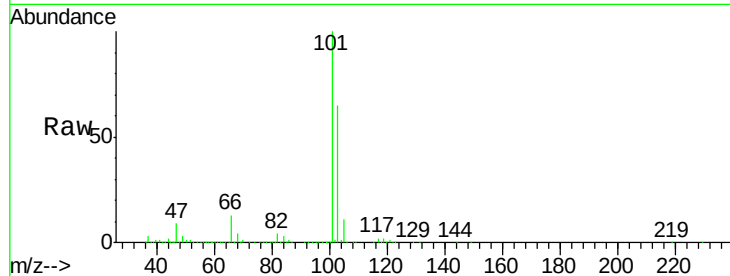
Trichlorofluoromethane
Concen: 56.645 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	52.2	78.4

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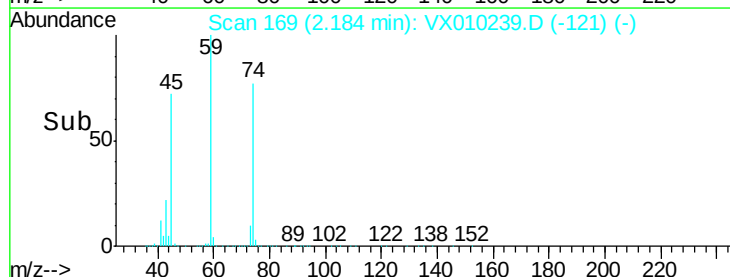
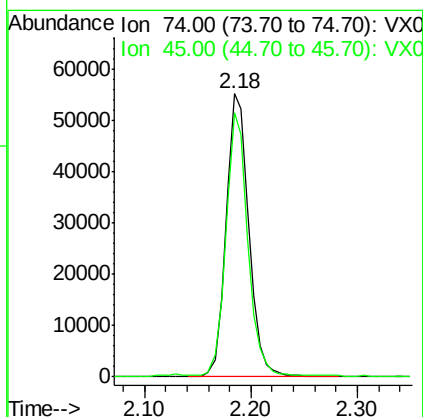
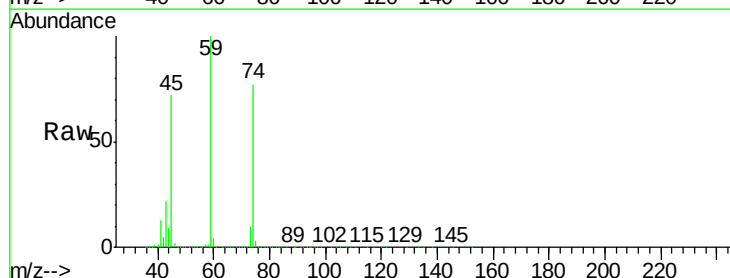
MMDadoda
6/13/2019 9:17:27 AM

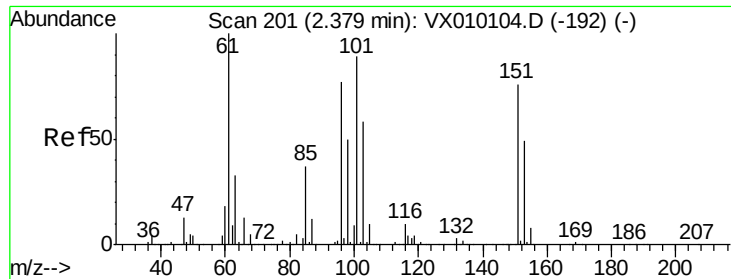


#8

Diethyl Ether
Concen: 57.934 ug/l
RT: 2.18 min Scan# 169
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.0	56.1	168.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.996 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX010239.D

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Instrument :

MSVOA_X

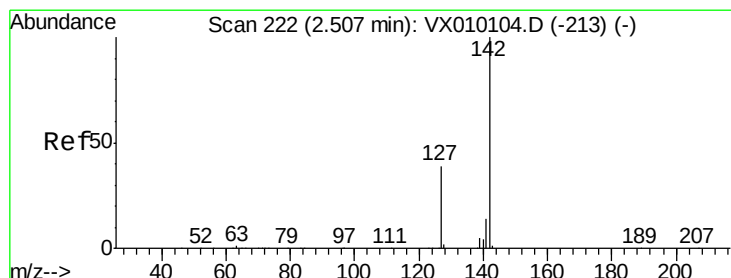
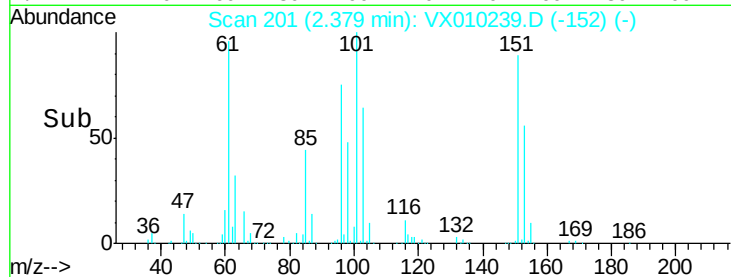
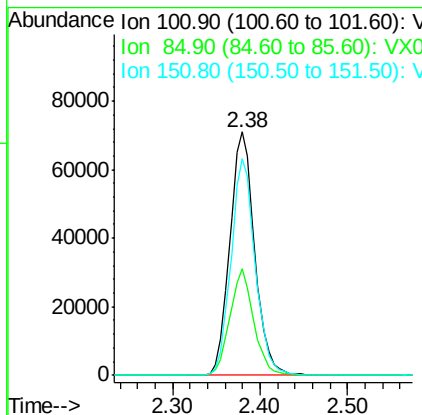
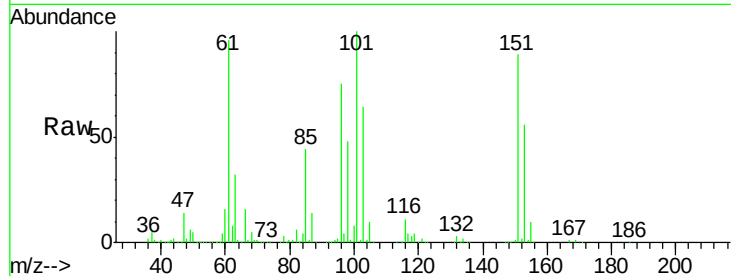
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	140036
Ion Ratio	Lower	Upper	
101	100		
85	42.0	35.2	52.8
151	86.9	61.9	92.9

Manual Integrations
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#10

Methyl Iodide

Concen: 45.066 ug/l

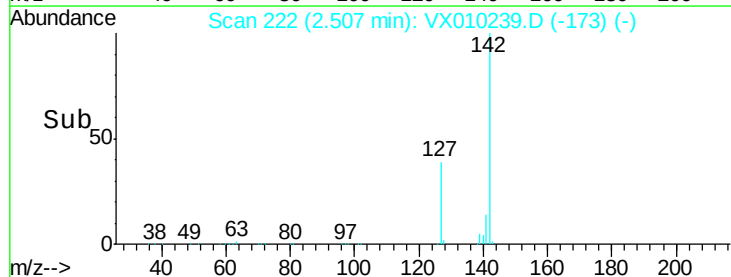
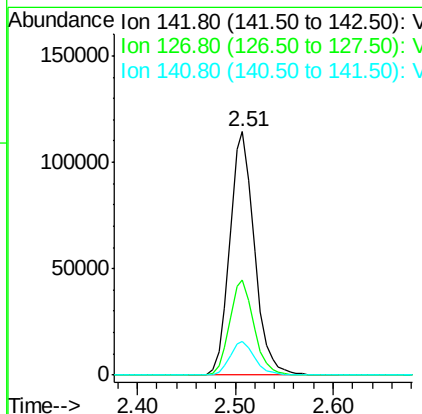
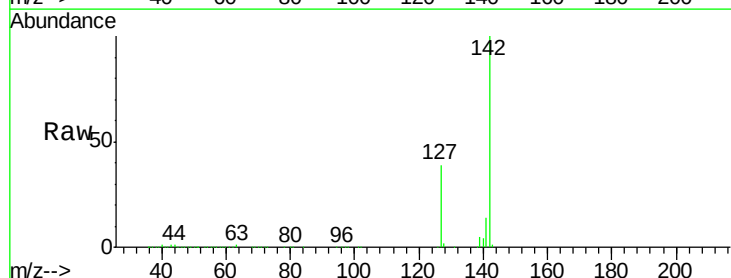
RT: 2.51 min Scan# 222

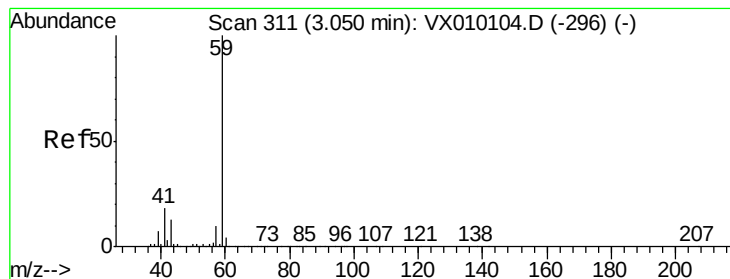
Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	142	Resp:	199563
Ion Ratio	Lower	Upper	
142	100		
127	38.8	33.0	49.4
141	14.0	11.4	17.0





#11

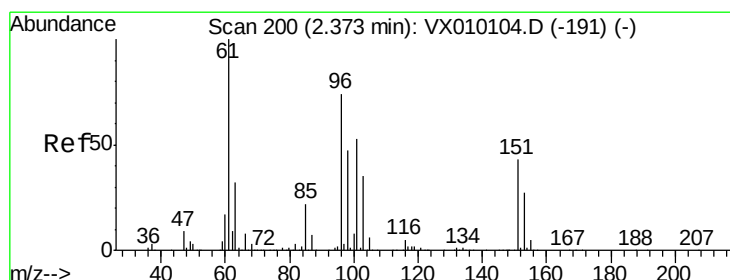
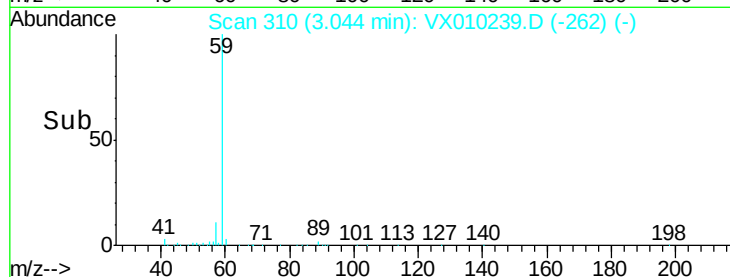
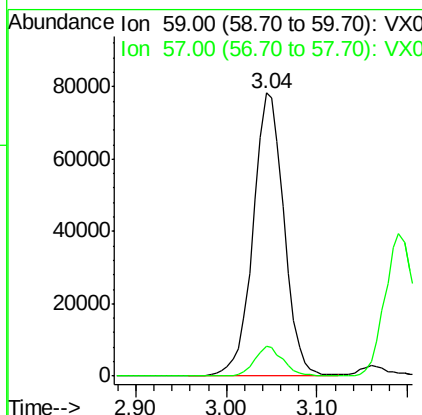
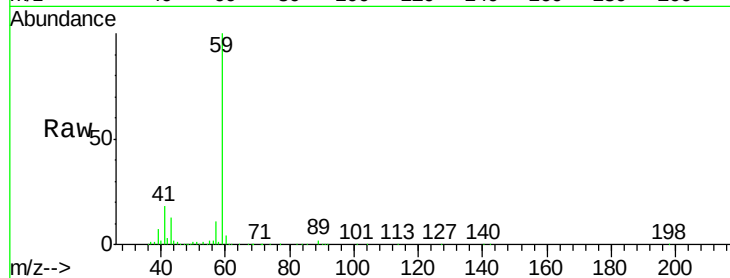
Tert butyl alcohol
Concen: 237.305 ug/l
RT: 3.04 min Scan# 310
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
59	59	100	184422		
57	57	9.9		8.2	12.2

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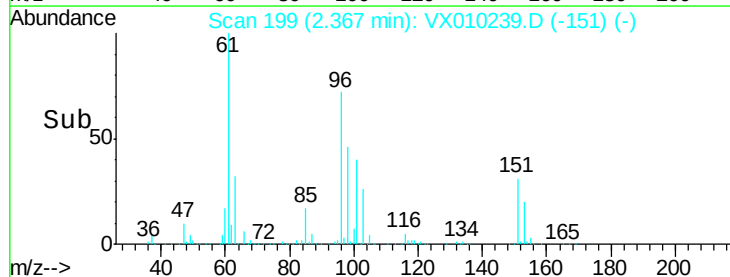
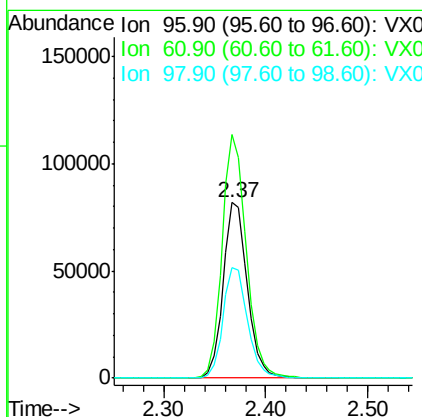
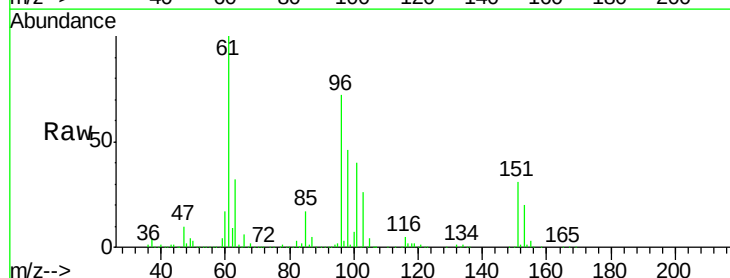
MMDadoda
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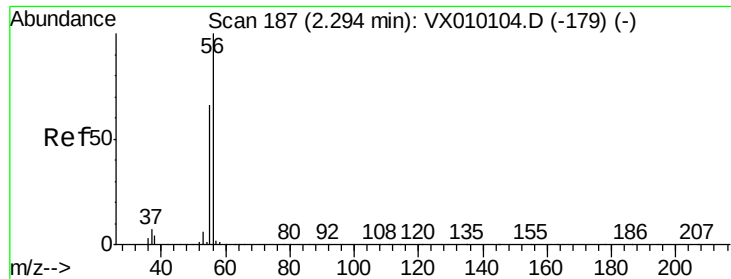


#12

1,1-Dichloroethene
Concen: 45.941 ug/l
RT: 2.37 min Scan# 199
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
96	96	100	134112		
61	61	138.9		140.7	211.1#
98	98	63.4		50.1	75.1





#13

Acrolein

Concen: 268.507 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 38049

Ion Ratio Lower Upper

56 100

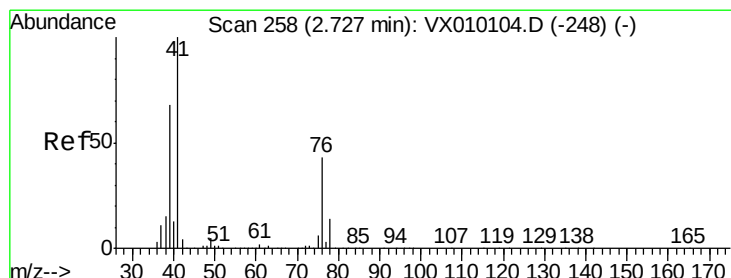
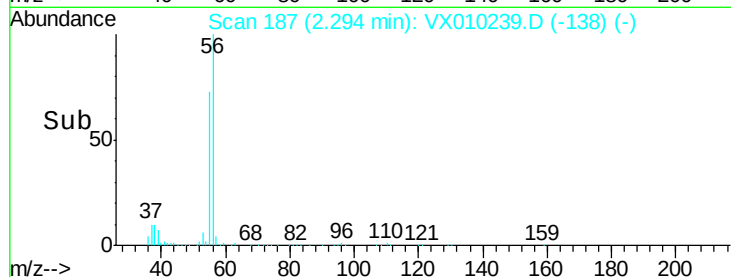
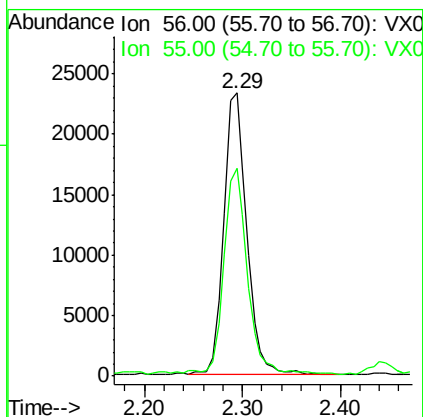
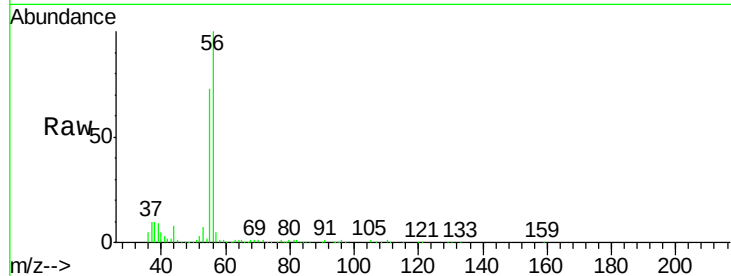
55 74.9 57.0 85.4

Manual Integrations

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#14

Allyl chloride

Concen: 45.171 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

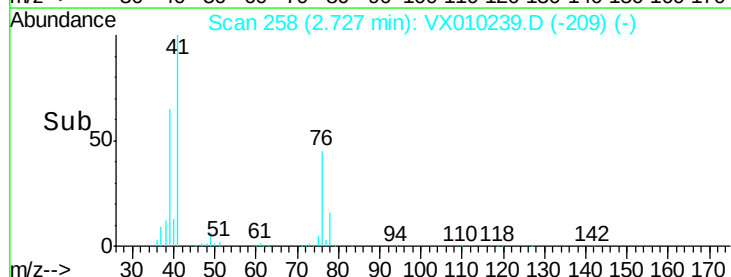
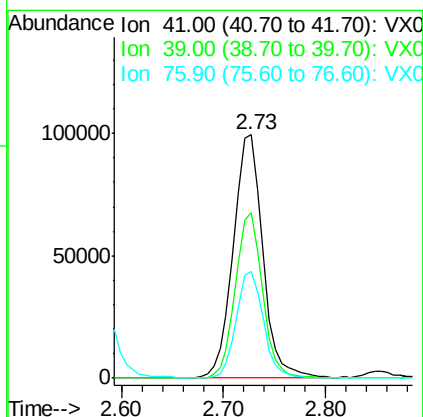
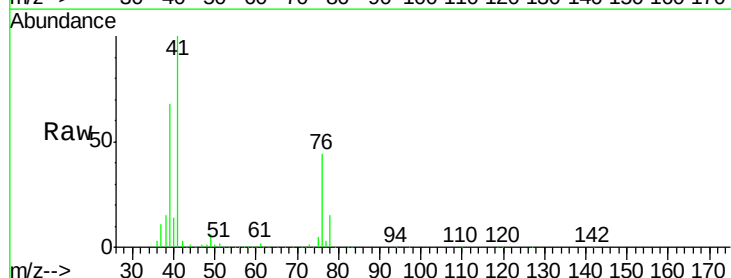
Tgt Ion: 41 Resp: 199046

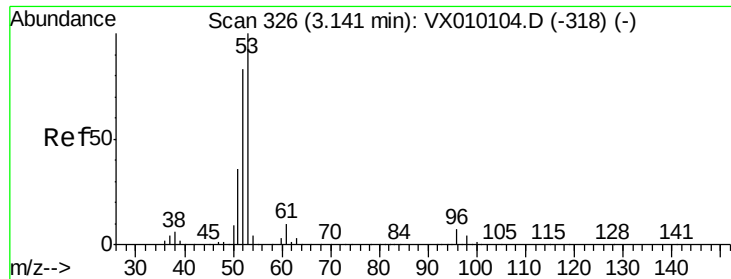
Ion Ratio Lower Upper

41 100

39 62.4 46.7 70.1

76 39.8 21.0 31.4#





#15

Acrylonitrile

Concen: 237.236 ug/l

RT: 3.14 min Scan# 326

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

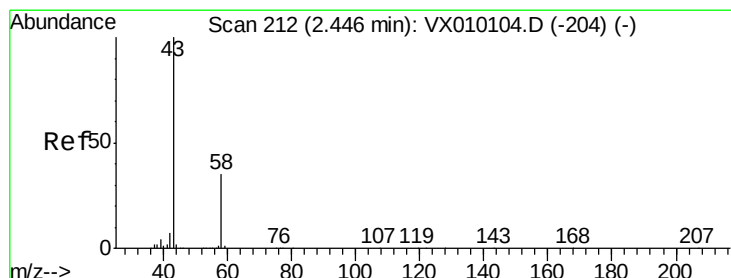
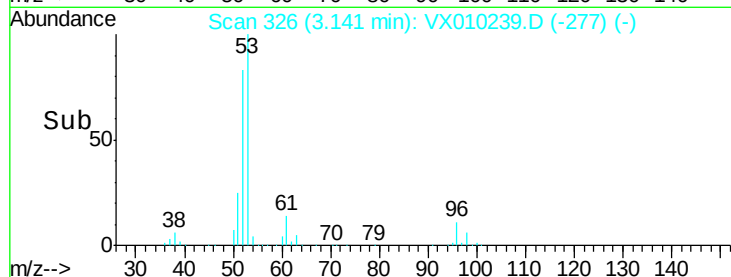
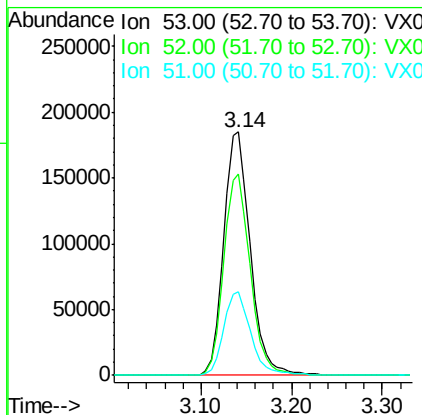
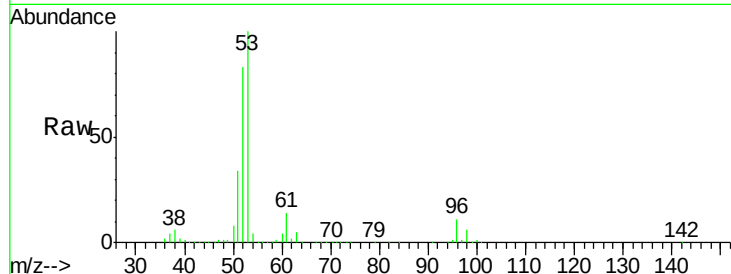
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	376845
Ion	Ratio	Lower	Upper
53	100		
52	82.7	66.7	100.1
51	34.8	28.8	43.2

Manual Integrations
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#16

Acetone

Concen: 296.941 ug/l

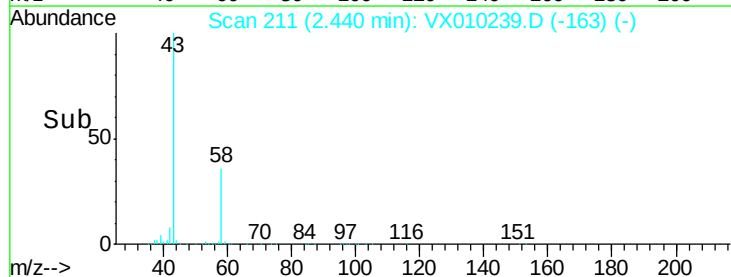
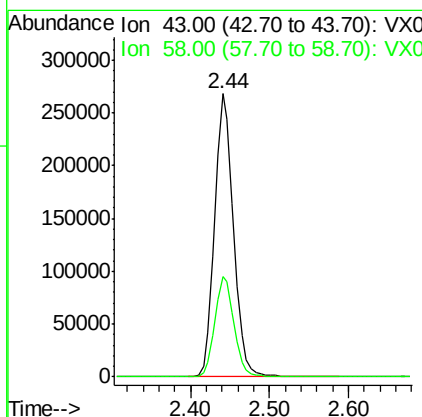
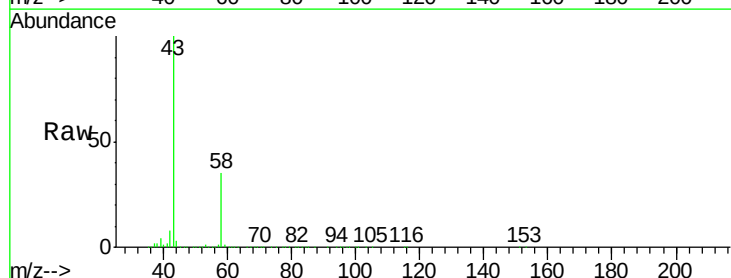
RT: 2.44 min Scan# 211

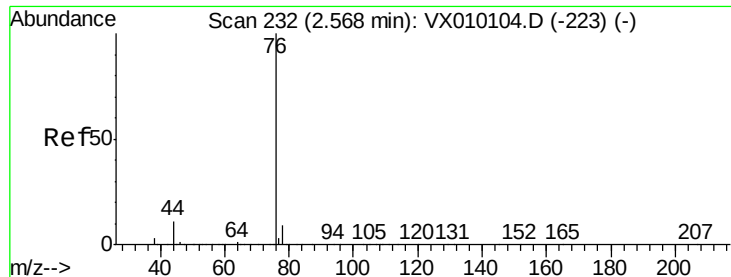
Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	43	Resp:	443069
Ion	Ratio	Lower	Upper
43	100		
58	35.5	23.2	34.8#





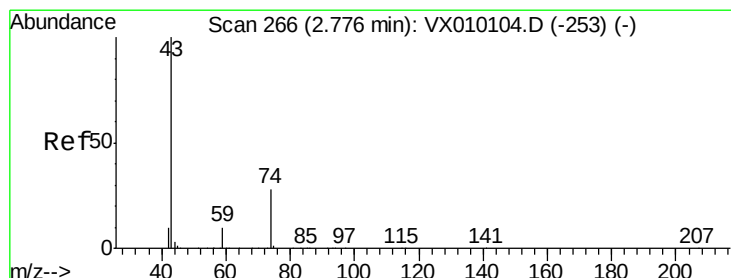
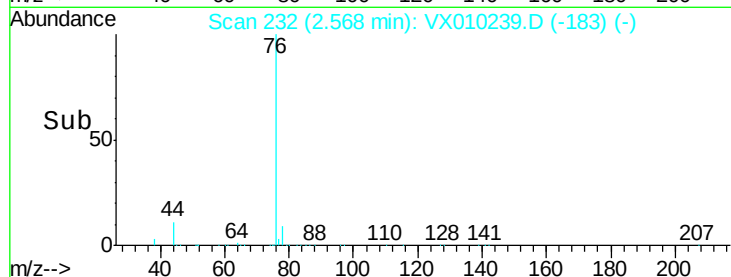
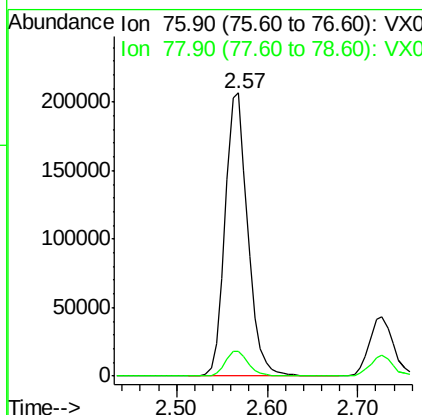
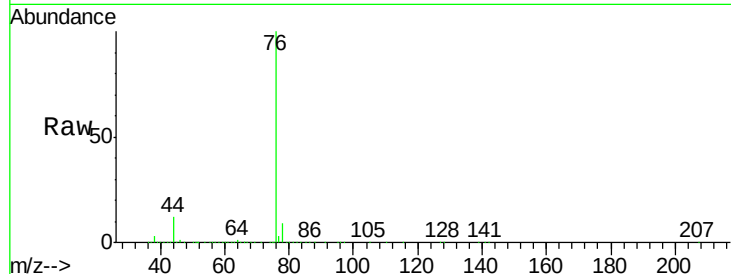
#17
Carbon Disulfide
Concen: 42.470 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.0	10.6

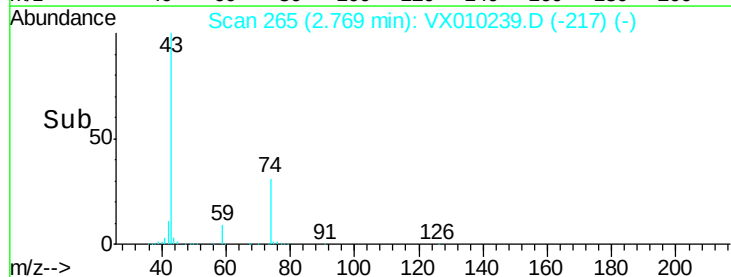
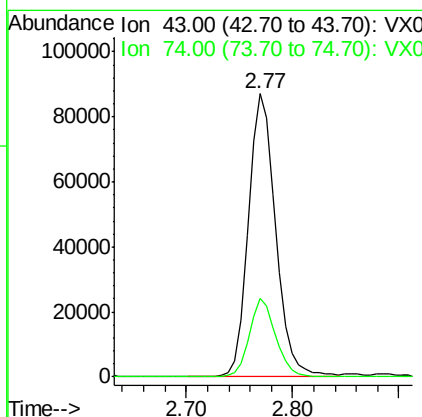
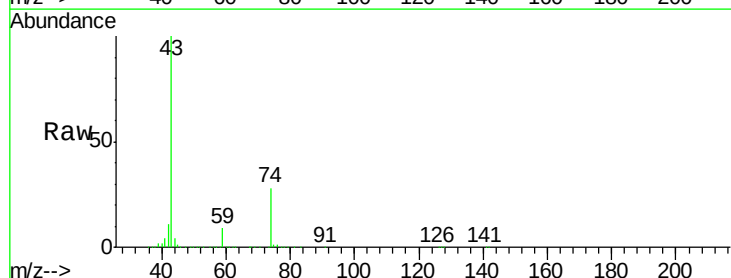
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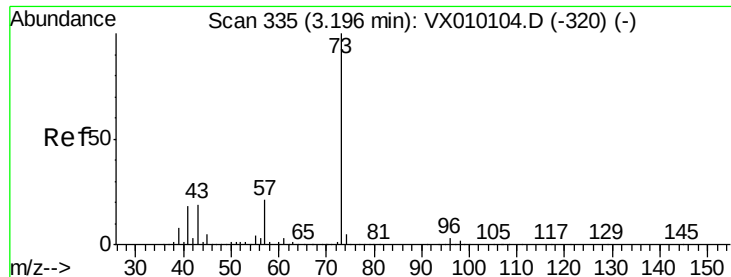
MMDadoda
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#18
Methyl Acetate
Concen: 47.431 ug/l
RT: 2.77 min Scan# 265
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
43	100		
74	27.6	15.8	23.6#





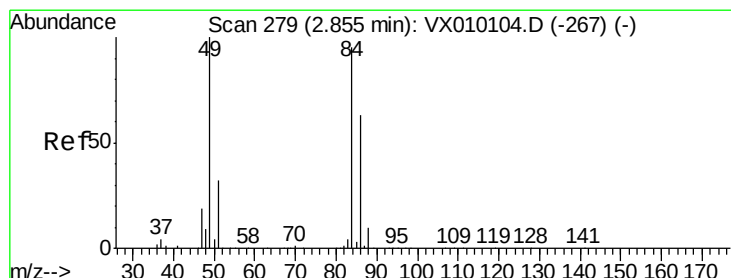
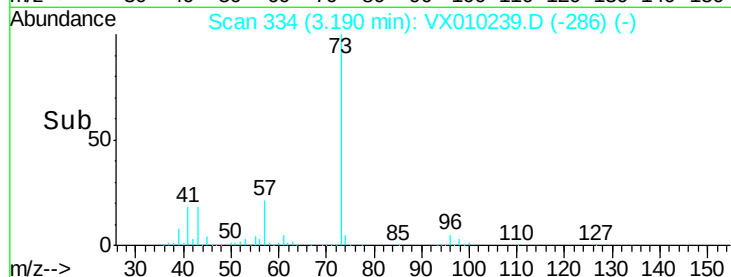
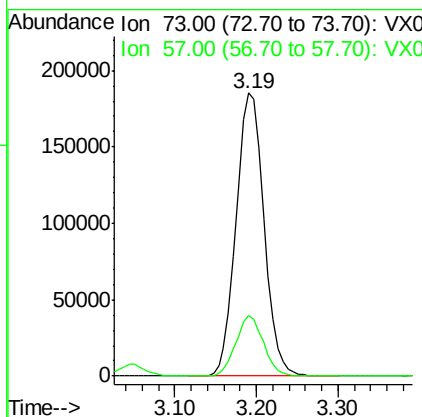
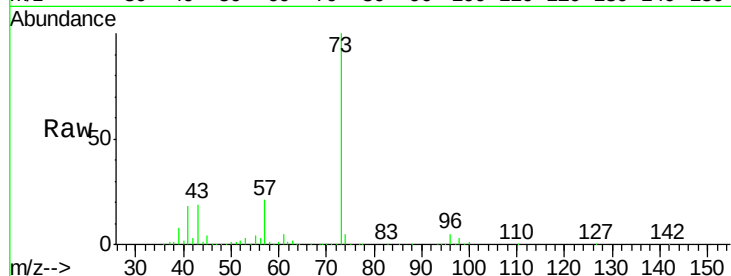
#19
Methyl tert-butyl Ether
Concen: 46.730 ug/l
RT: 3.19 min Scan# 334
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 438264
Ion Ratio Lower Upper
73 100
57 21.2 19.4 29.2

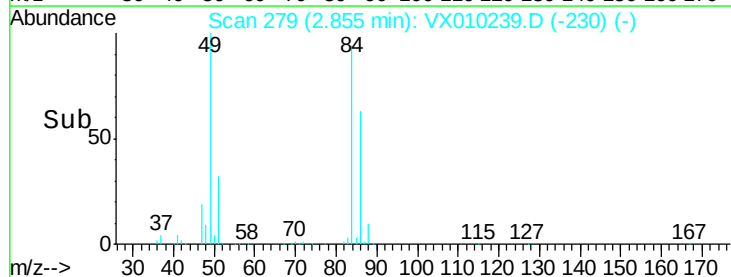
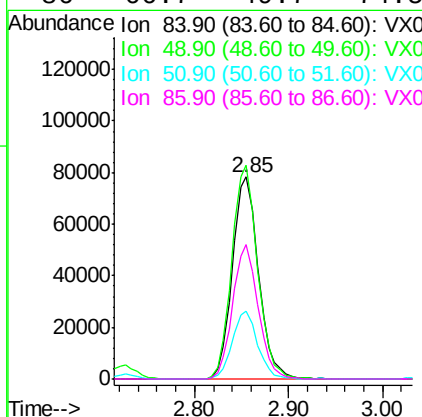
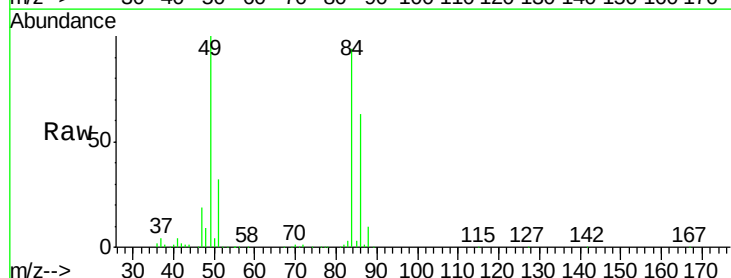
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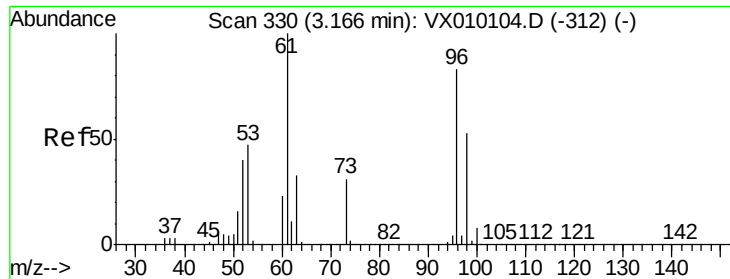
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#20
Methylene Chloride
Concen: 46.208 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 84 Resp: 151420
Ion Ratio Lower Upper
84 100
49 105.8 115.8 173.6#
51 33.5 34.4 51.6#
86 66.7 49.7 74.5





#21

trans-1,2-Dichloroethene

Concen: 44.487 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 96 Resp: 143718

Ion Ratio Lower Upper

96 100

61 120.2 125.7 188.5#

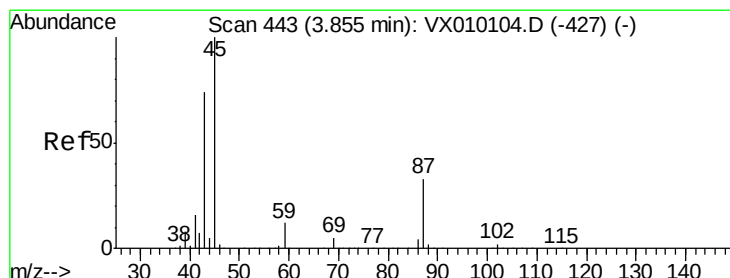
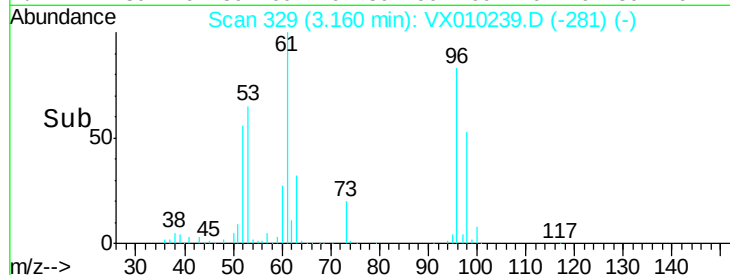
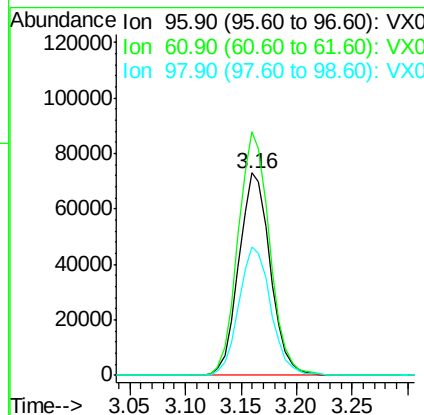
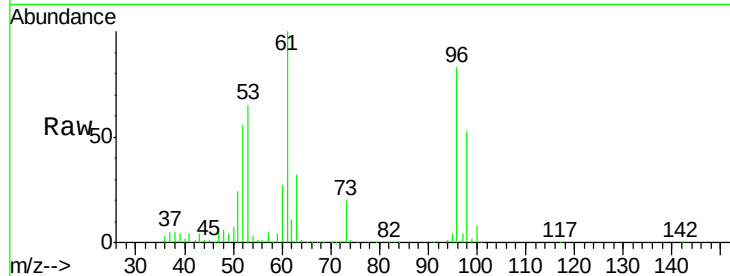
98 63.4 49.0 73.6

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#22

Diisopropyl ether

Concen: 48.712 ug/l

RT: 3.85 min Scan# 443

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion: 45 Resp: 410399

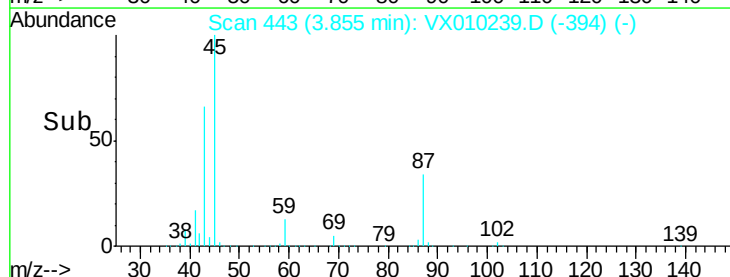
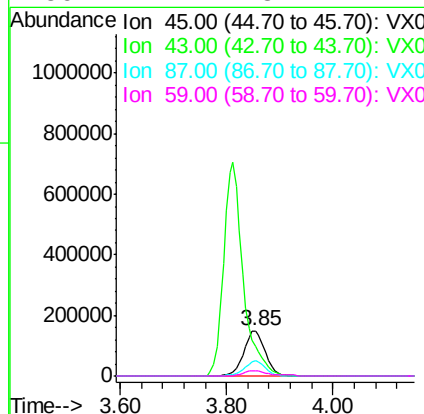
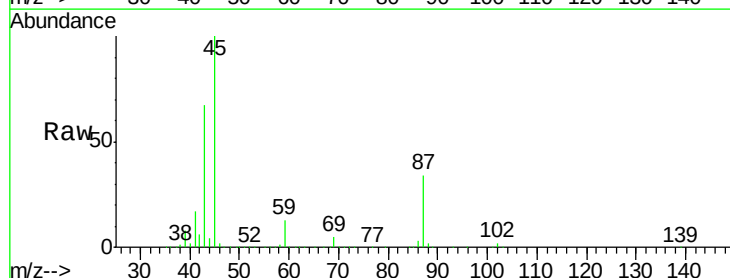
Ion Ratio Lower Upper

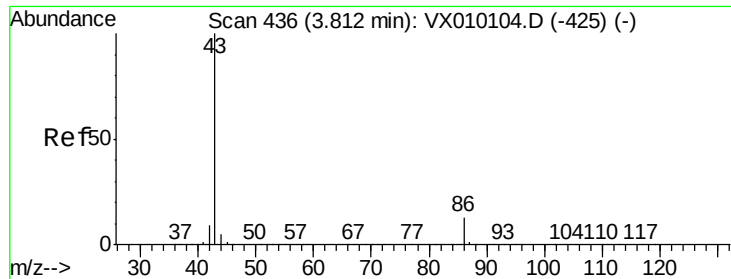
45 100

43 66.5 65.0 97.4

87 33.9 17.3 25.9#

59 12.7 8.1 12.1#





#23

Vinyl Acetate

Concen: 241.478 ug/l

RT: 3.81 min Scan# 436

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1814943

Ion Ratio Lower Upper

43 100

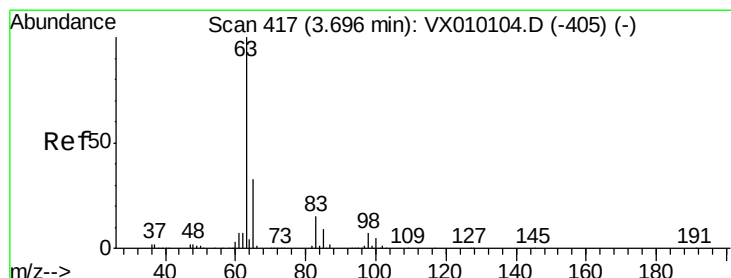
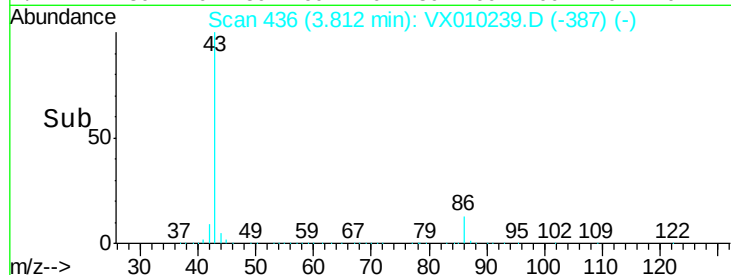
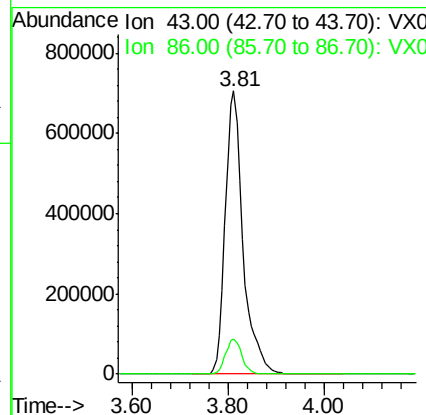
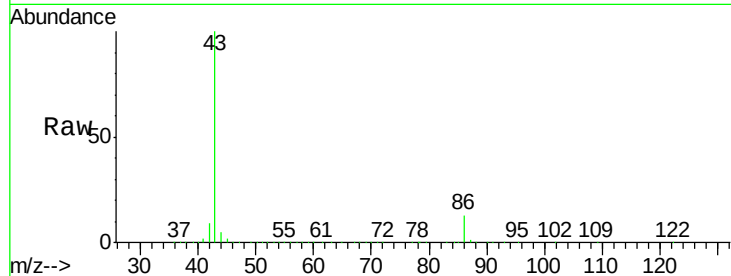
86 12.6 6.5 9.7#

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#24

1,1-Dichloroethane

Concen: 46.485 ug/l

RT: 3.69 min Scan# 416

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

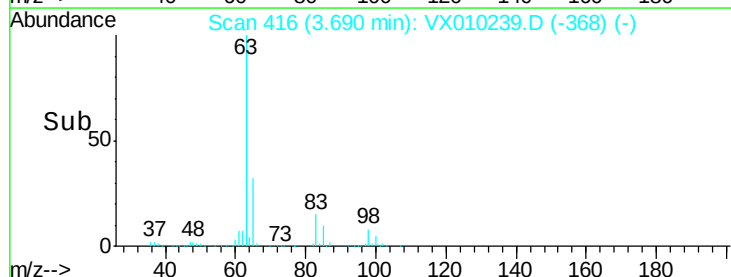
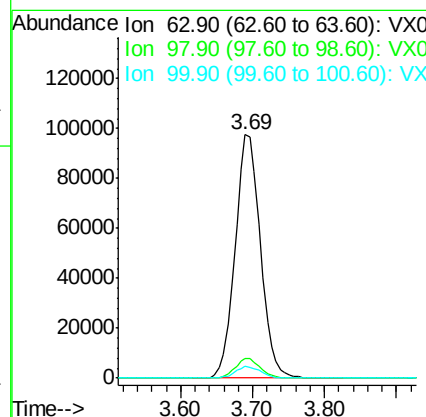
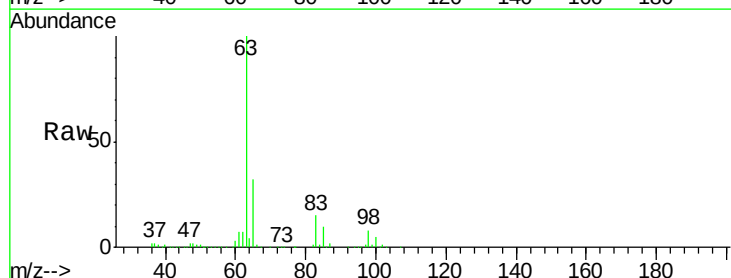
Tgt Ion: 63 Resp: 237781

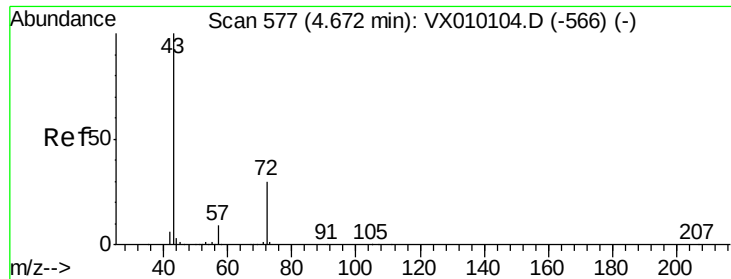
Ion Ratio Lower Upper

63 100

98 8.0 2.9 8.8

100 4.7 1.8 5.4





#25

2-Butanone

Concen: 267.159 ug/l

RT: 4.67 min Scan# 576

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 593597

Ion Ratio Lower Upper

43 100

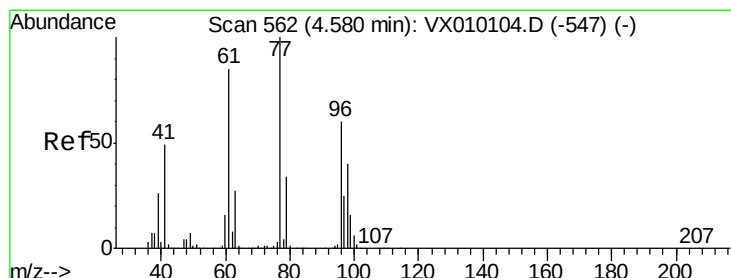
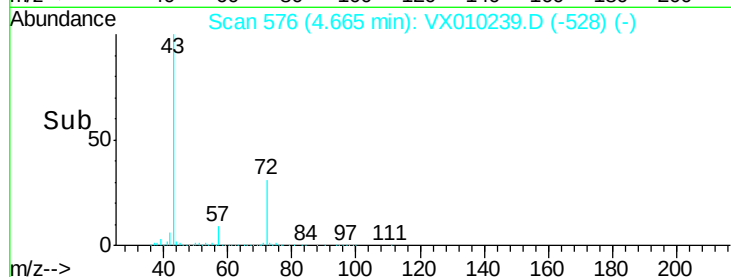
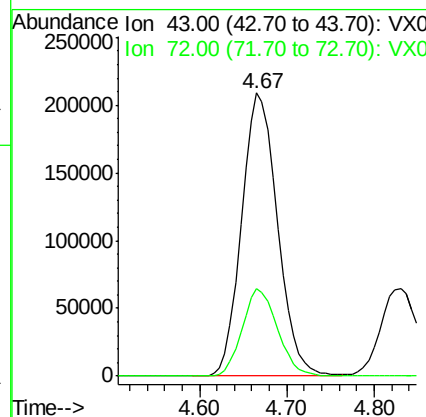
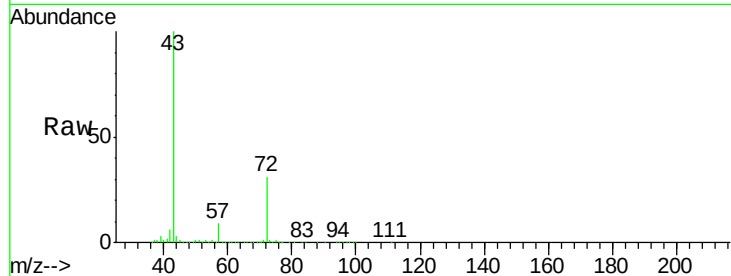
72 30.8 17.5 26.3#

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 46.749 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX010239.D

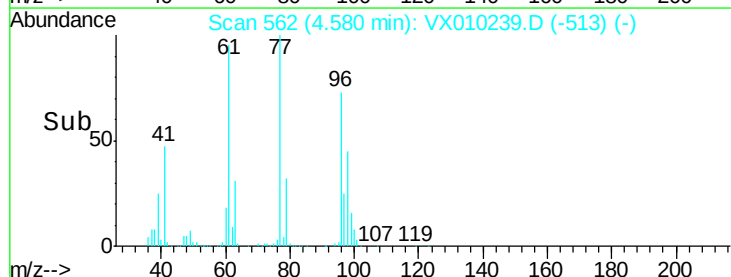
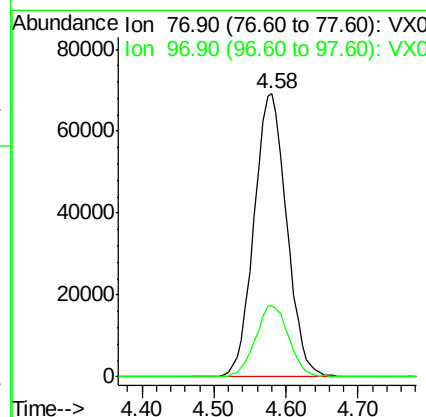
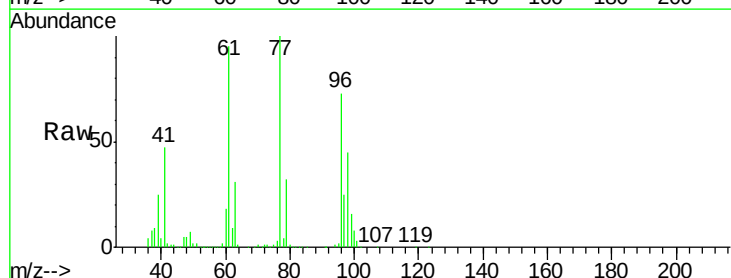
Acq: 12 Jun 2019 09:46

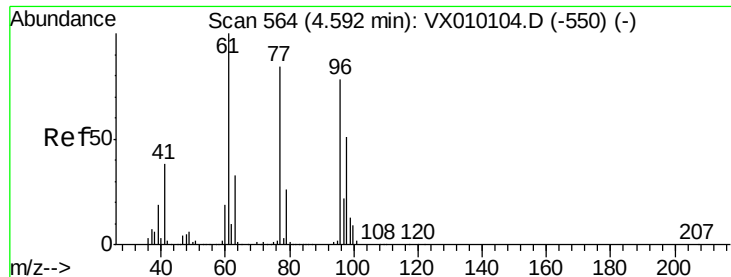
Tgt Ion: 77 Resp: 218157

Ion Ratio Lower Upper

77 100

97 25.8 11.4 34.2





#27

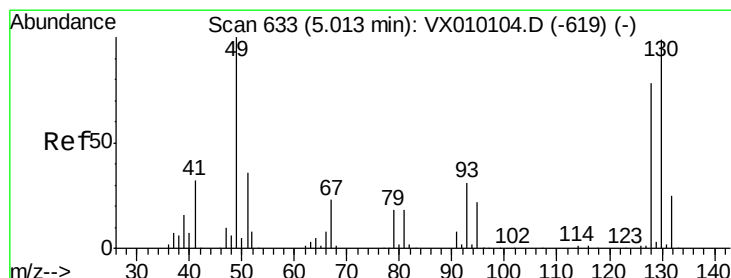
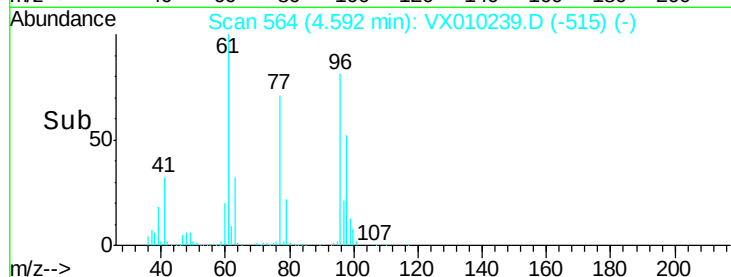
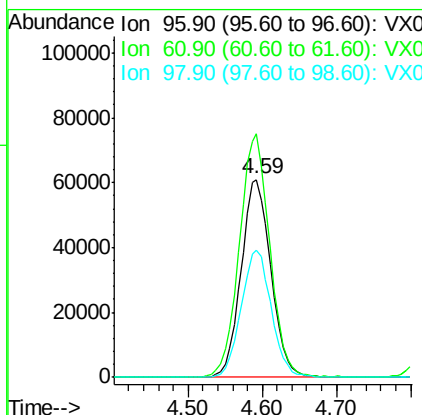
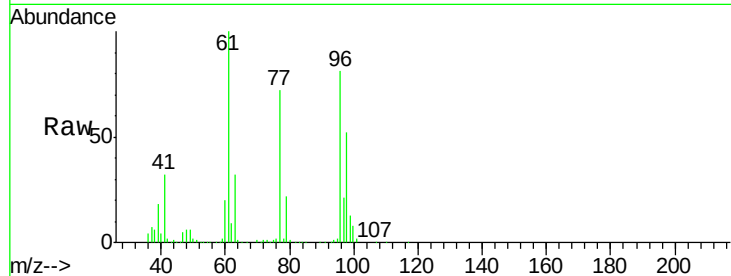
cis-1,2-Dichloroethene
Concen: 47.552 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
96	100		170899		
61	125.9	0.0	334.0		
98	65.2	0.0	131.6		

Manual Integrations
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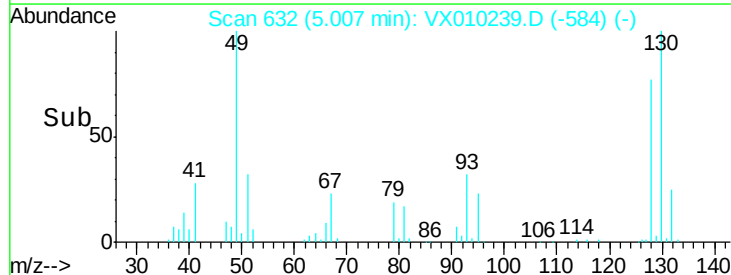
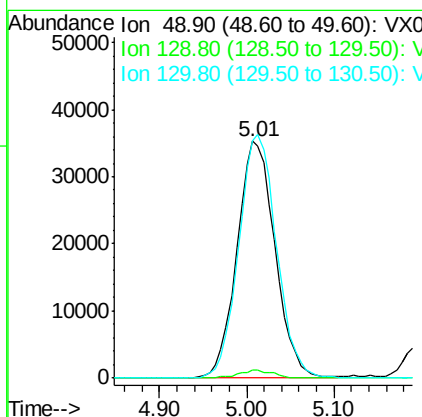
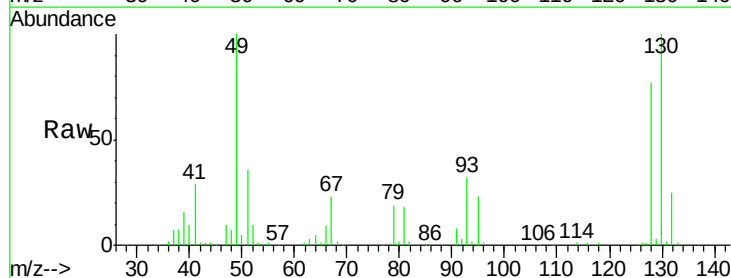
MMDadoda
6/13/2019 9:17:27 AM

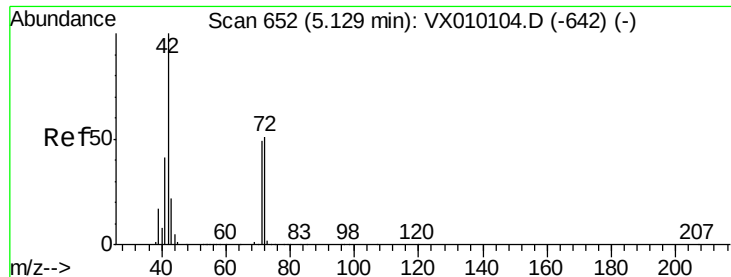


#28

Bromochloromethane
Concen: 46.328 ug/l
RT: 5.01 min Scan# 632
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
49	100		106208		
129	3.1	0.0	3.4		
130	102.5	49.4	74.2#		





#29

Tetrahydrofuran

Concen: 237.210 ug/l

RT: 5.12 min Scan# 651

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

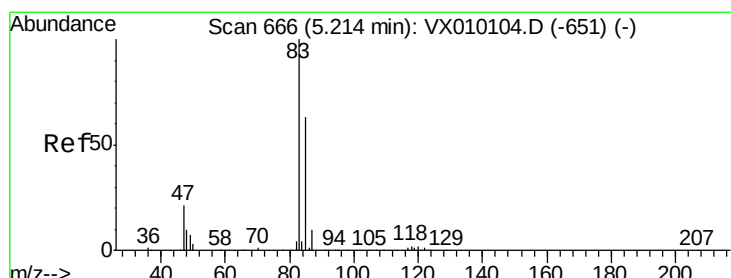
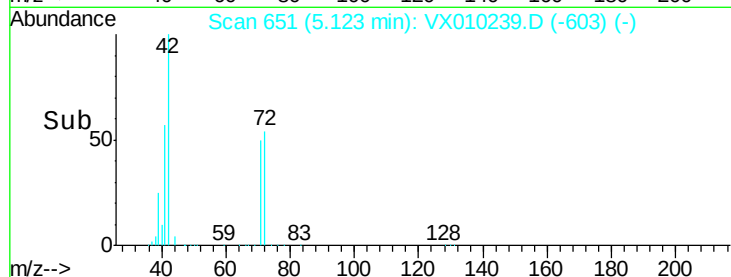
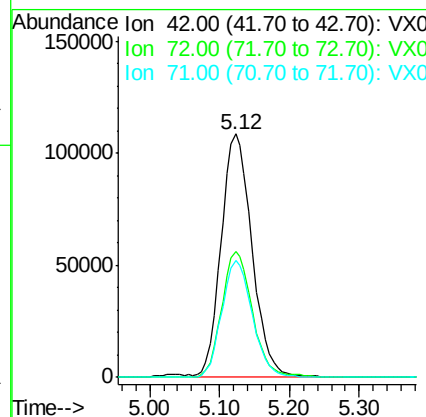
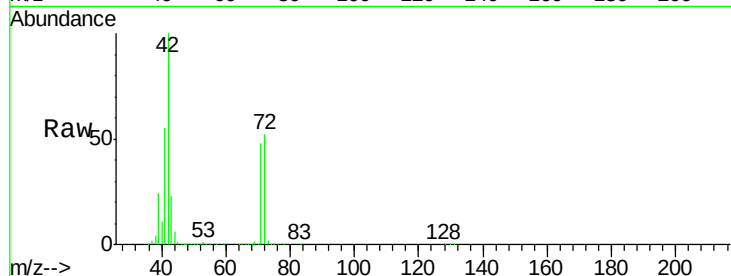
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	51.8	29.2	43.8#
71	47.8	27.6	41.4#

Manual Integrations
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6/13/2019 9:17:27 AM



#30

Chloroform

Concen: 47.506 ug/l

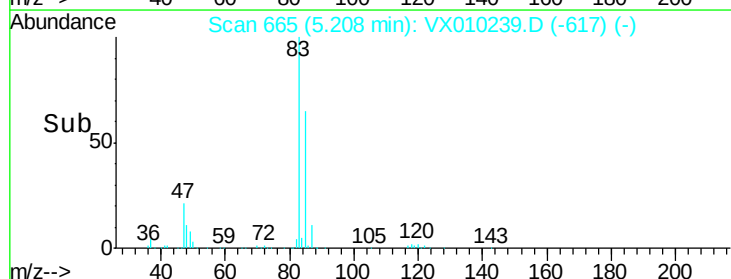
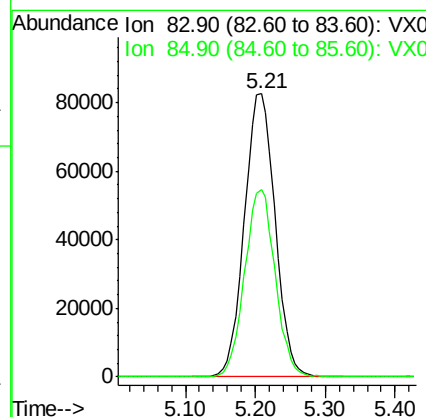
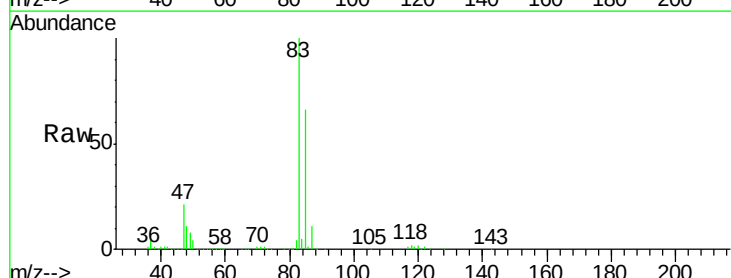
RT: 5.21 min Scan# 665

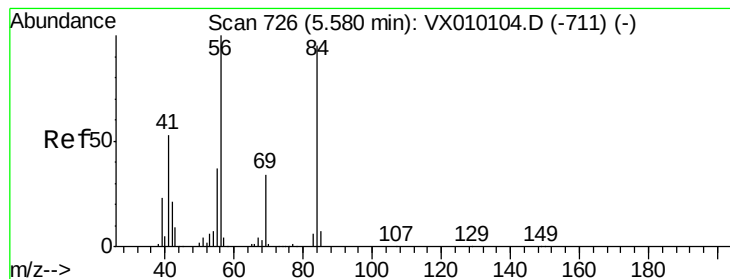
Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.6	78.8





#31

Cyclohexane

Concen: 48.094 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 222029

Ion Ratio Lower Upper

56 100

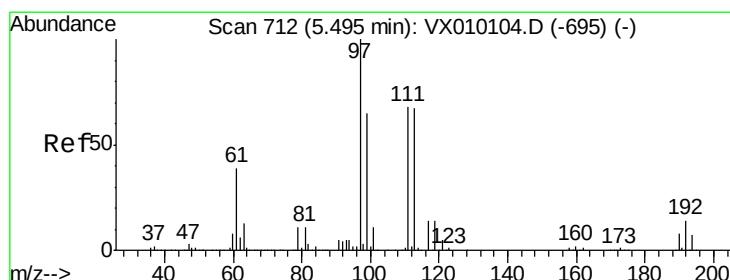
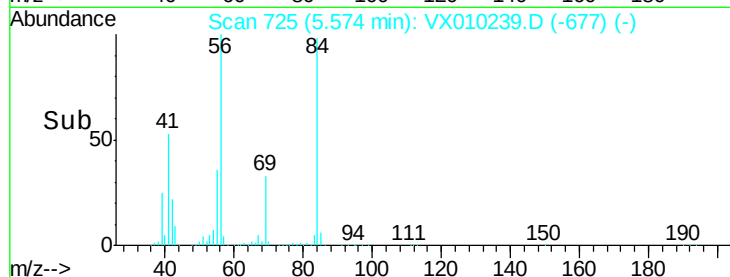
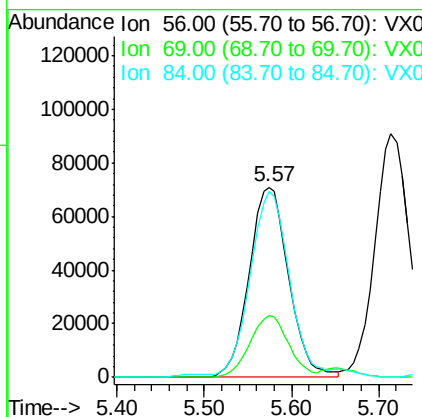
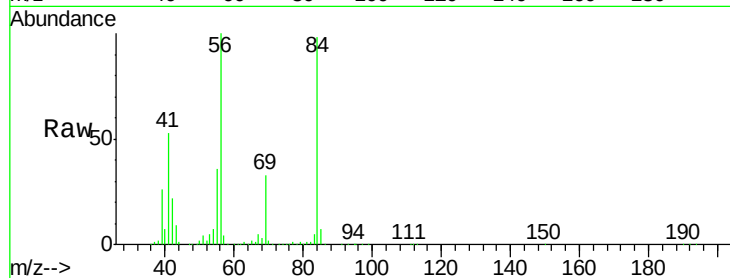
69 32.6 21.6 32.4#

84 96.3 56.8 85.2#

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 46.214 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

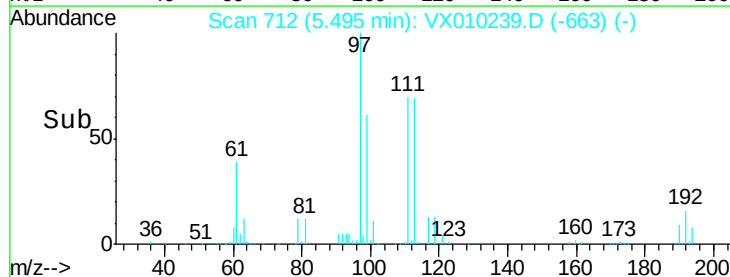
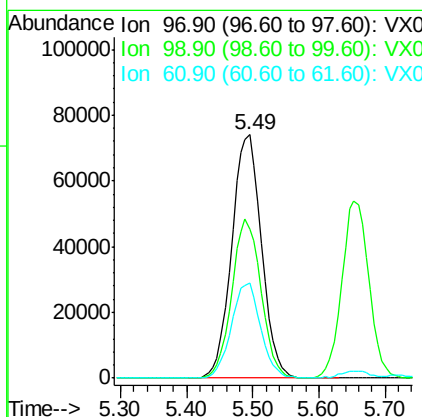
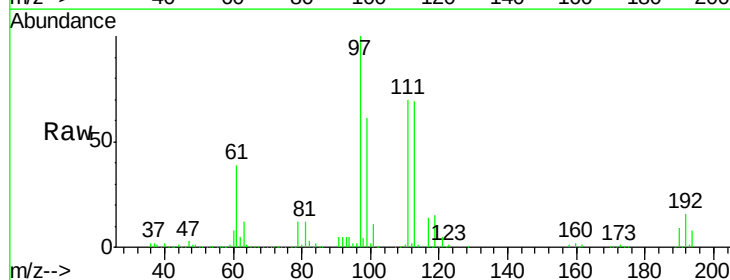
Tgt Ion: 97 Resp: 230803

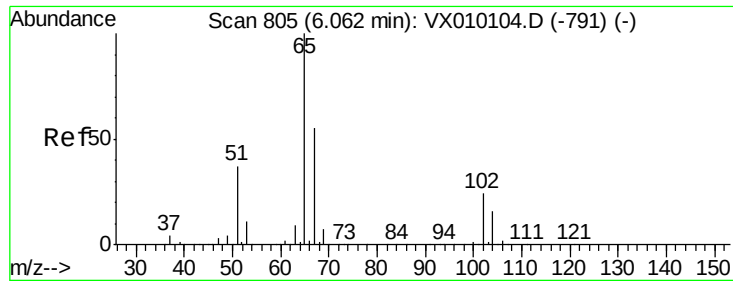
Ion Ratio Lower Upper

97 100

99 64.0 51.0 76.4

61 38.6 38.7 58.1#





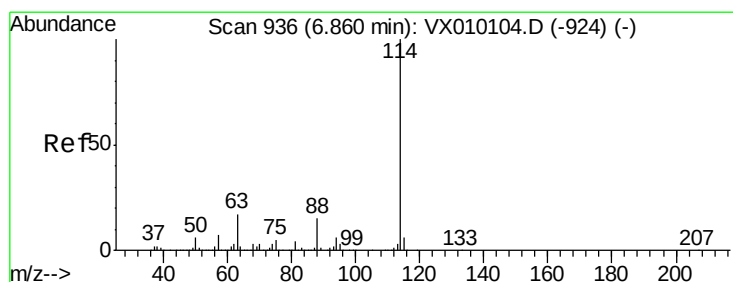
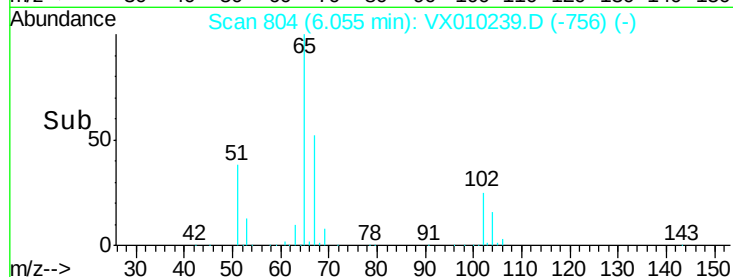
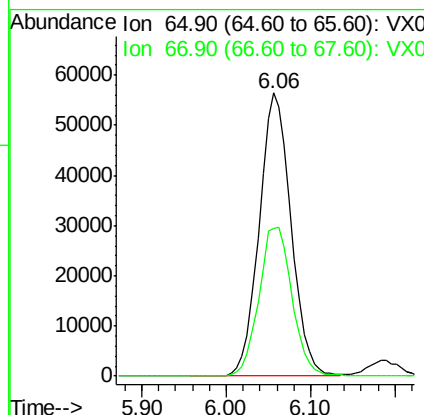
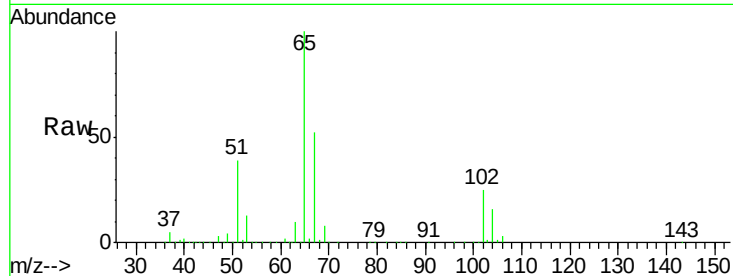
#33
 1,2-Dichloroethane-d4
 Concen: 46.078 ug/l
 RT: 6.06 min Scan# 804
 Delta R.T. -0.01 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	108.4

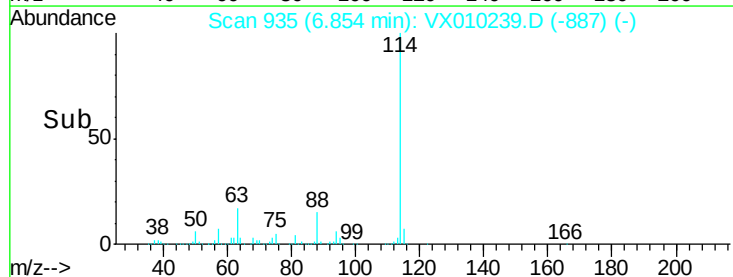
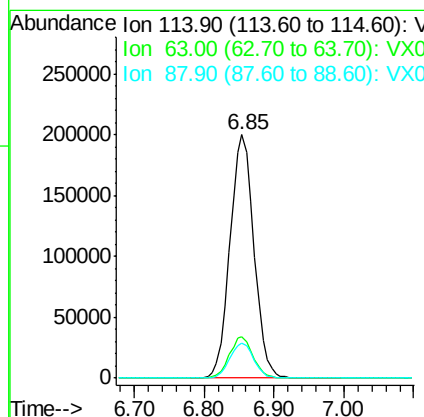
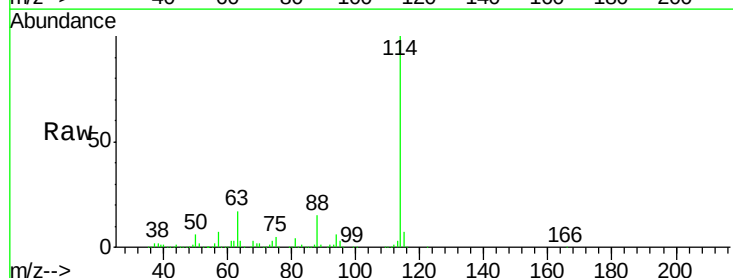
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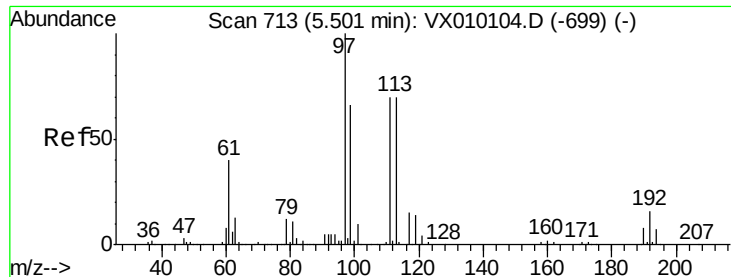
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.1	0.0	47.4
88	14.6	0.0	33.0





#35

Dibromofluoromethane

Concen: 50.128 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

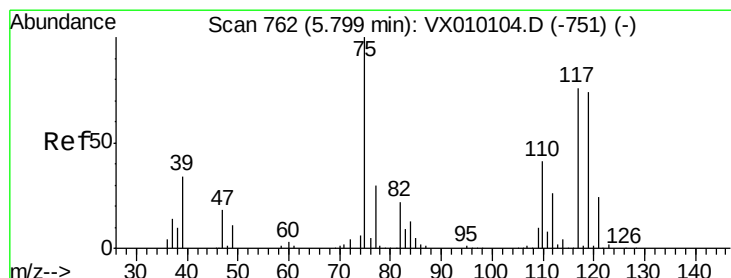
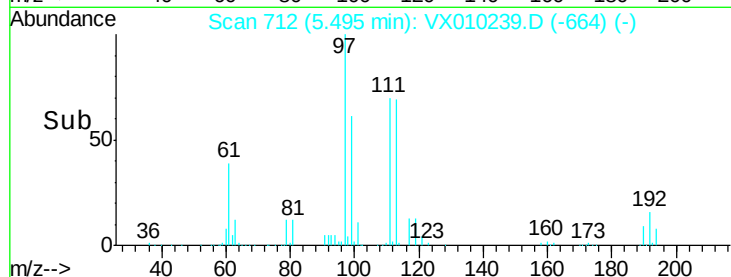
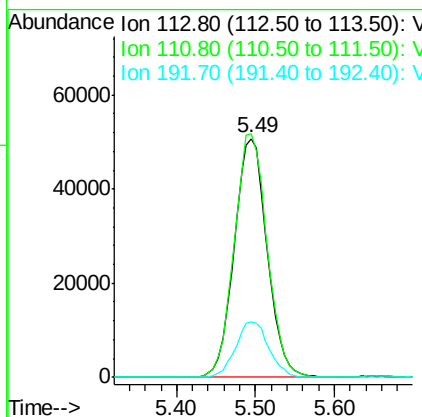
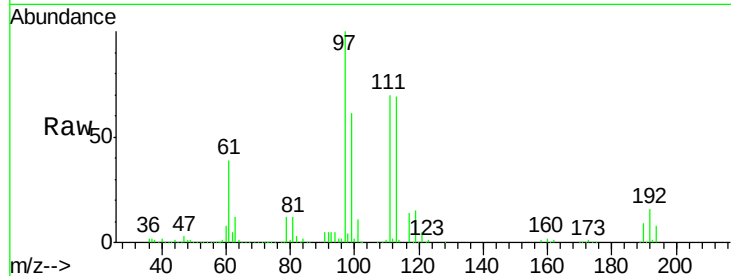
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	147033
Ion Ratio	Lower	Upper	
113	100		
111	102.3	82.2	123.2
192	23.7	17.1	25.7

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 48.398 ug/l

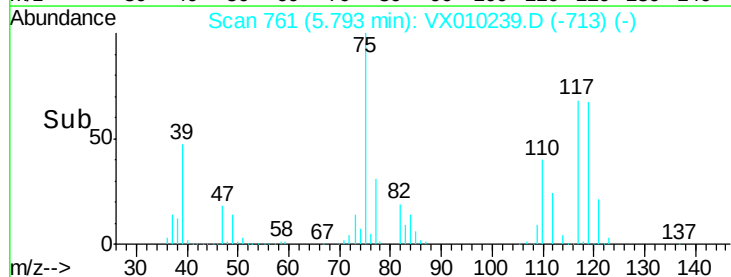
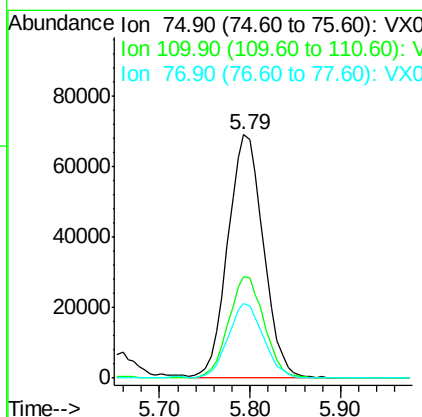
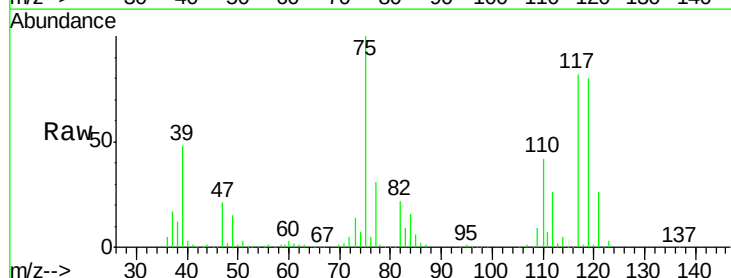
RT: 5.79 min Scan# 761

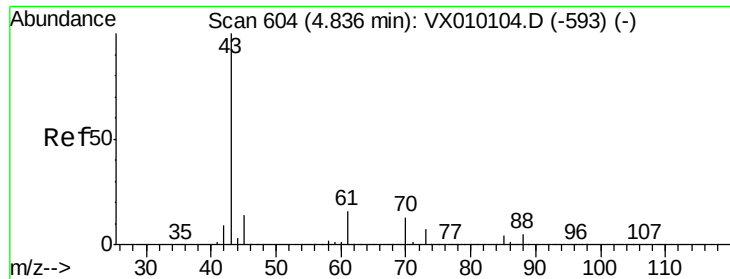
Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	75	Resp:	187765
Ion Ratio	Lower	Upper	
75	100		
110	42.0	16.7	50.1
77	30.3	25.0	37.4





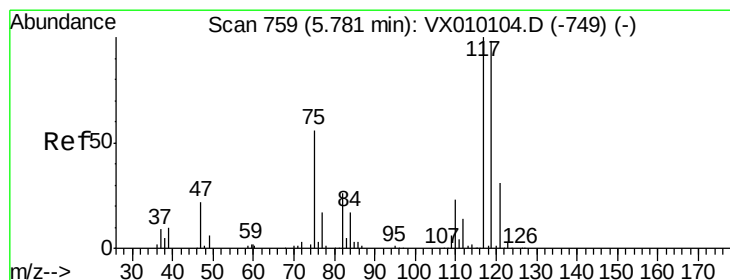
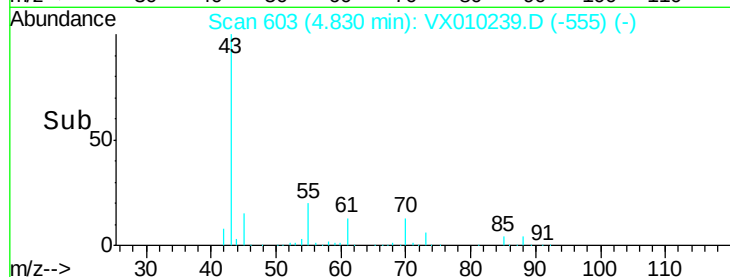
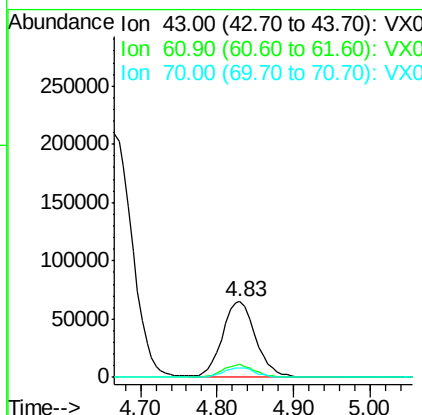
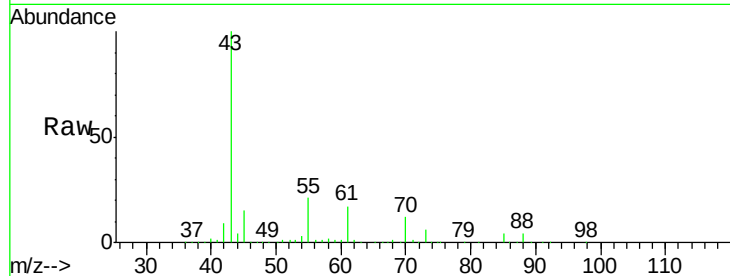
#37
Ethyl Acetate
Concen: 48.155 ug/l
RT: 4.83 min Scan# 603
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.7	10.2	15.2#
70	12.4	7.4	11.2#

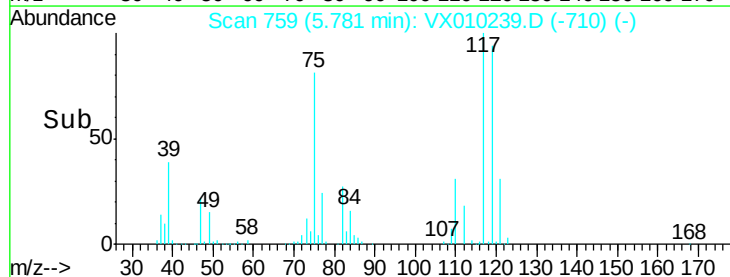
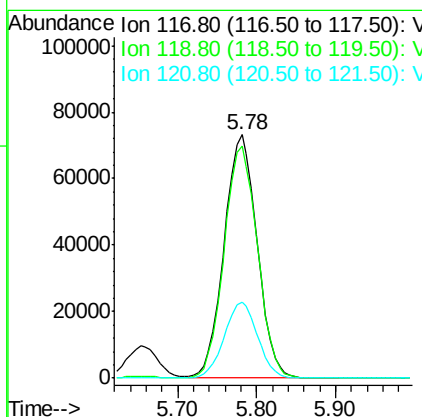
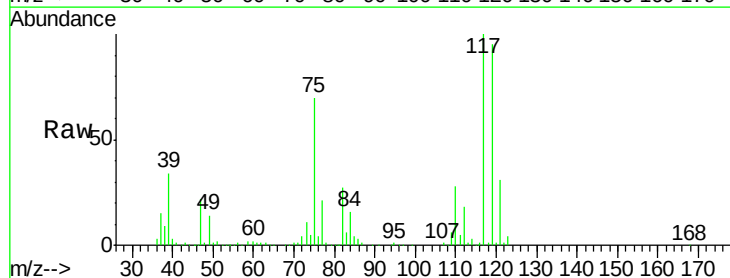
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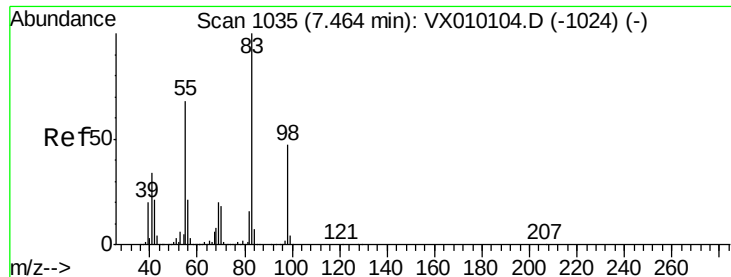
MMDadoda
6/13/2019 9:17:27 AM



#38
Carbon Tetrachloride
Concen: 48.458 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.4	77.3	115.9
121	31.3	25.4	38.0





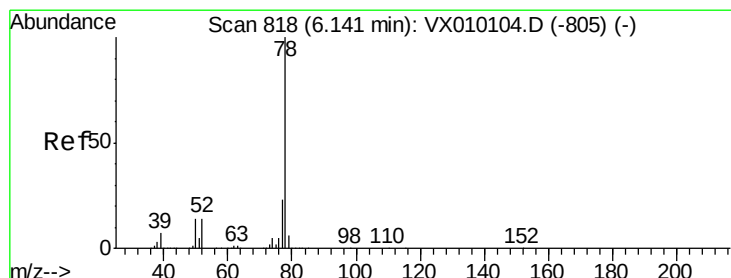
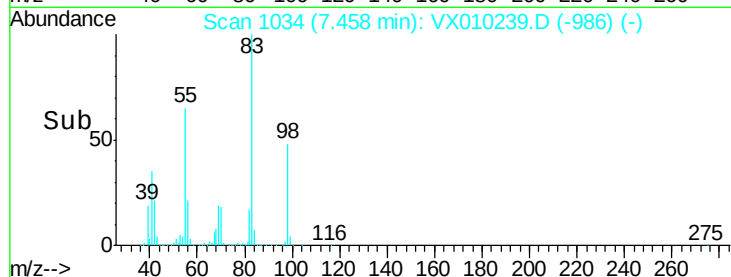
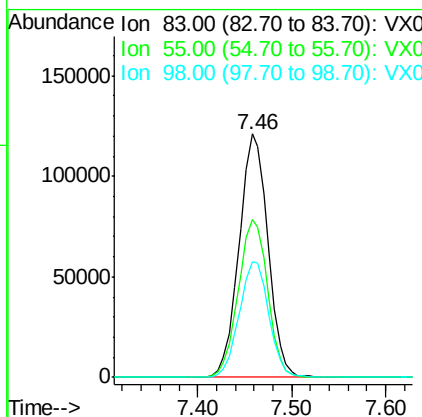
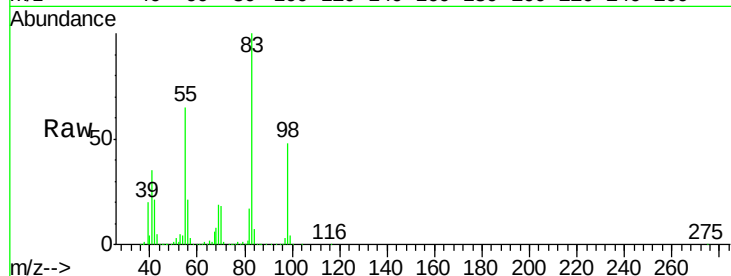
#39
Methylvlcyclohexane
Concen: 49.082 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	259291		
55	64.8	69.9	104.9#	
98	47.6	35.1	52.7	

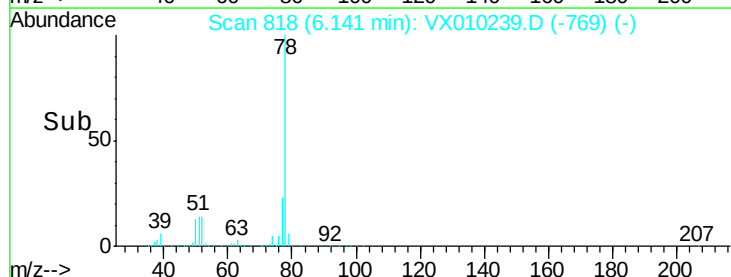
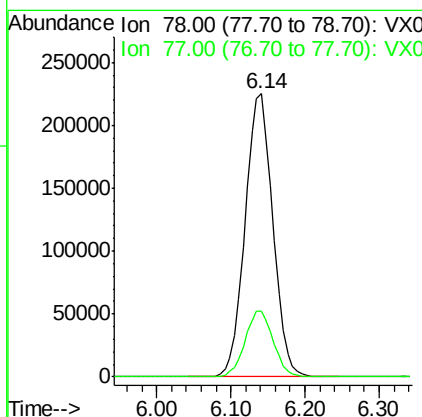
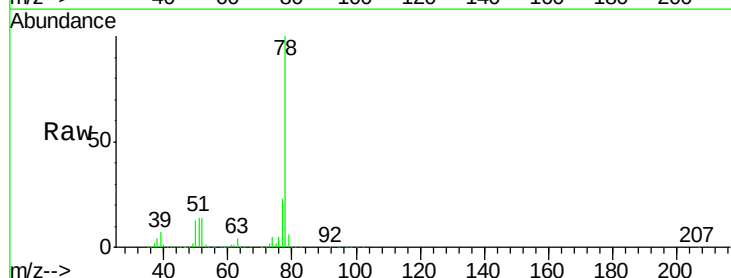
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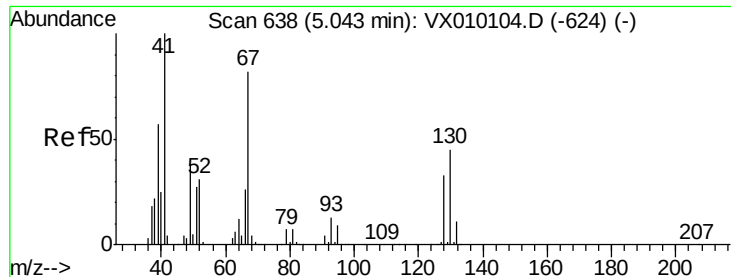
MMDadoda
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#40
Benzene
Concen: 49.197 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
78	100	590184		
77	23.1	19.2	28.8	





#41

Methacrylonitrile

Concen: 48.274 ug/l

RT: 5.04 min Scan# 637

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 105407
Ion Ratio Lower Upper

41 100

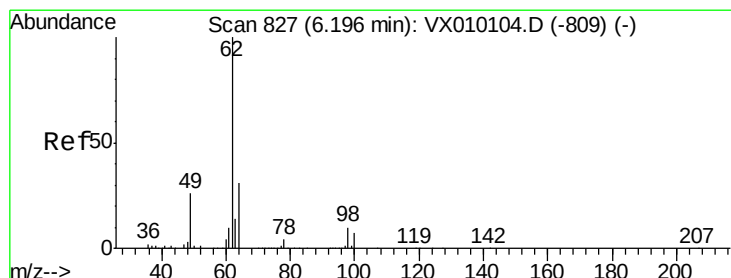
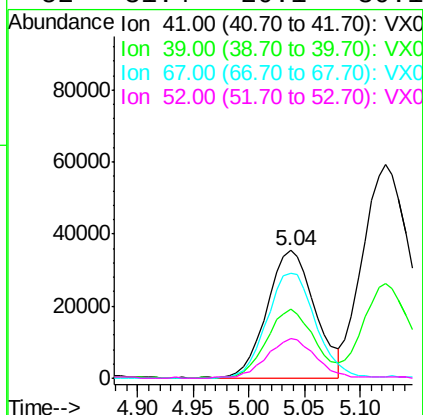
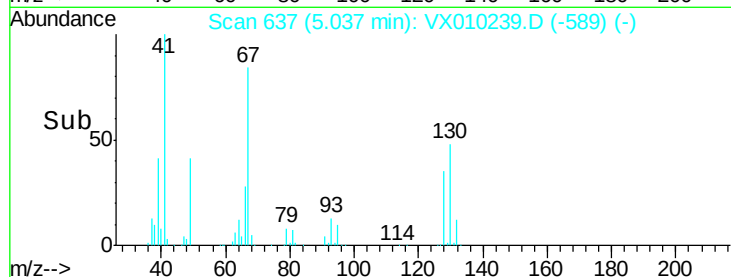
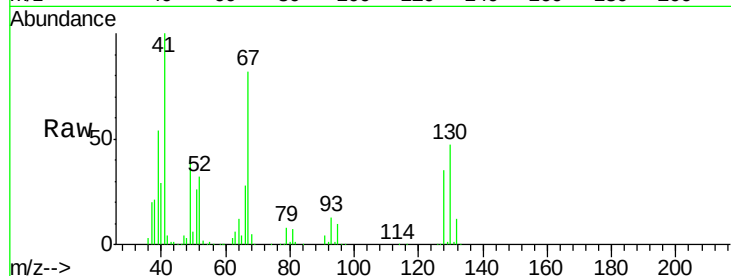
39 53.9 42.2 63.4

67 84.8 48.9 73.3#

52 31.4 20.1 30.1#

Manual Integrations
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6/13/2019 9:17:27 AM



#42

1,2-Dichloroethane

Concen: 47.350 ug/l

RT: 6.19 min Scan# 826

Delta R.T. -0.01 min

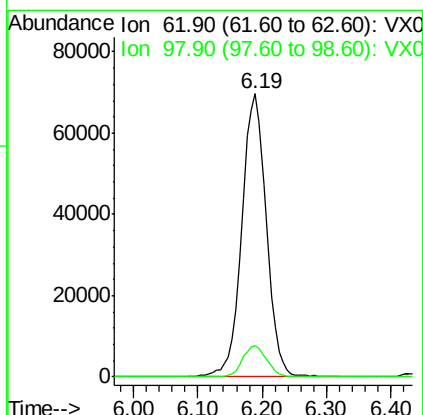
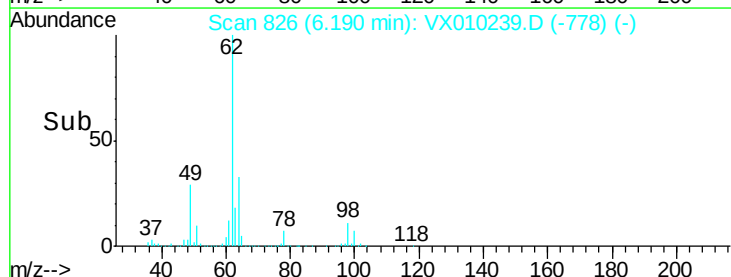
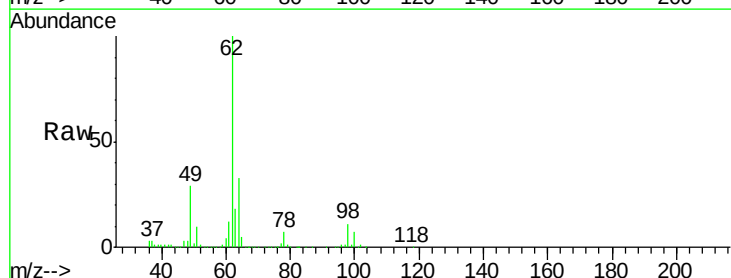
Lab File: VX010239.D

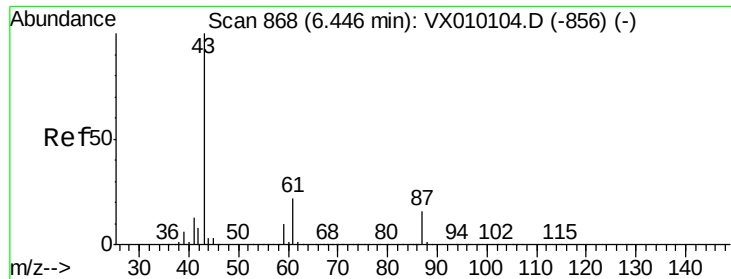
Acq: 12 Jun 2019 09:46

Tgt Ion: 62 Resp: 181342
Ion Ratio Lower Upper

62 100

98 11.1 0.0 17.2





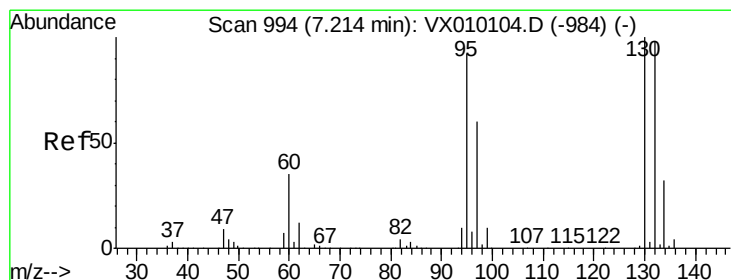
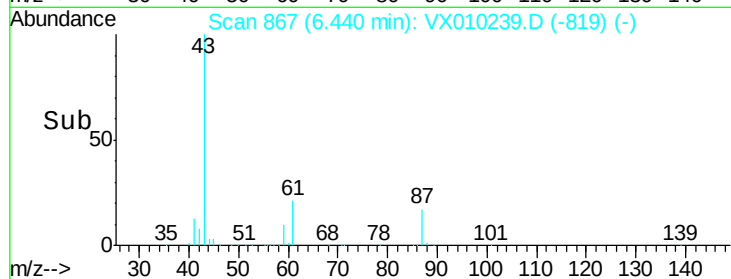
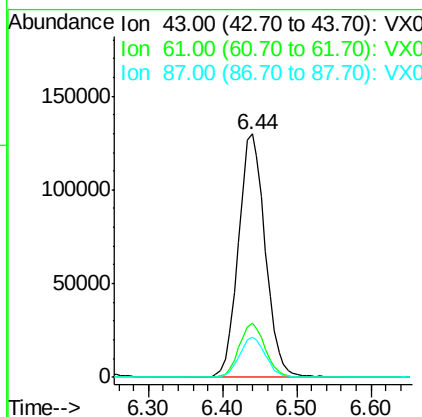
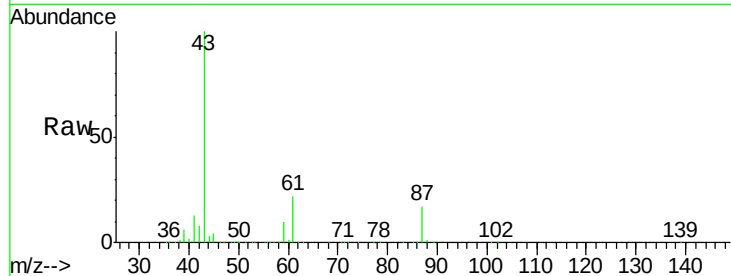
#43
Isopropyl Acetate
Concen: 48.373 ug/l
RT: 6.44 min Scan# 867
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	22.0	14.6	21.8#
87	16.2	8.7	13.1#

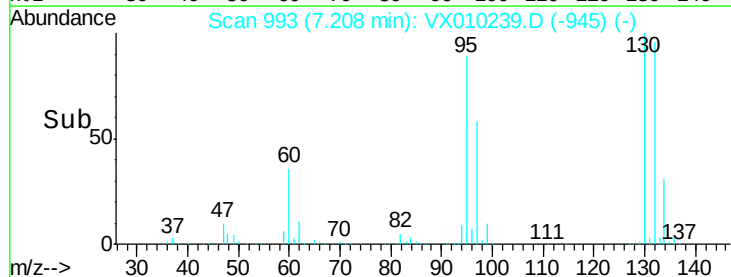
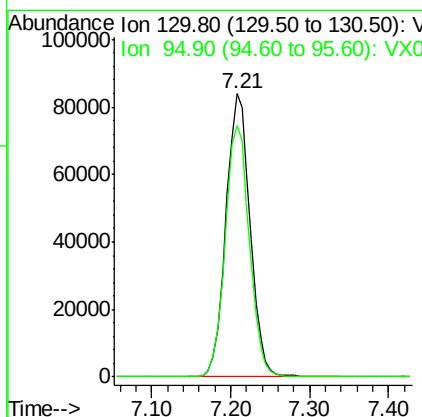
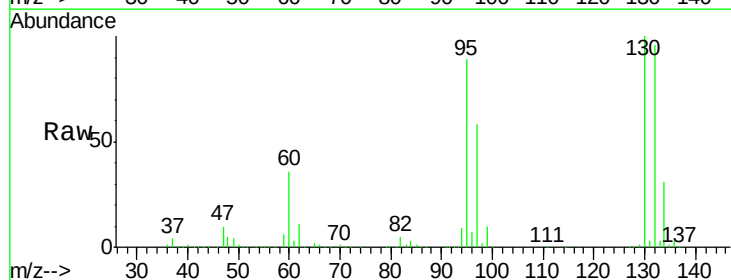
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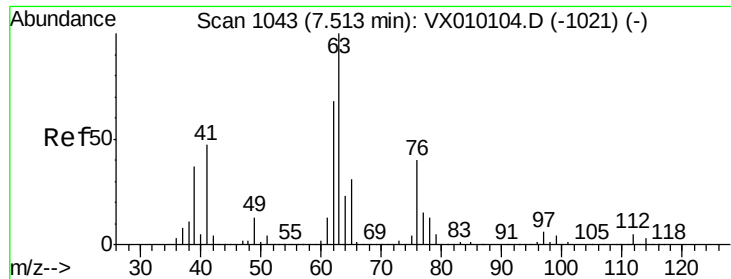
MMDadoda
6/13/2019 9:17:27 AM



#44
Trichloroethene
Concen: 49.353 ug/l
RT: 7.21 min Scan# 993
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.0	0.0	207.4





#45

1,2-Dichloropropane

Concen: 49.168 ug/l

RT: 7.51 min Scan# 1042

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 147632

Ion Ratio Lower Upper

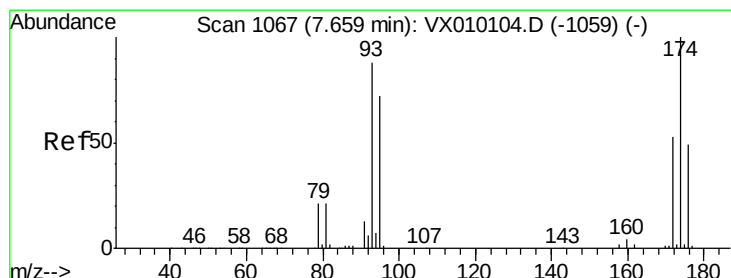
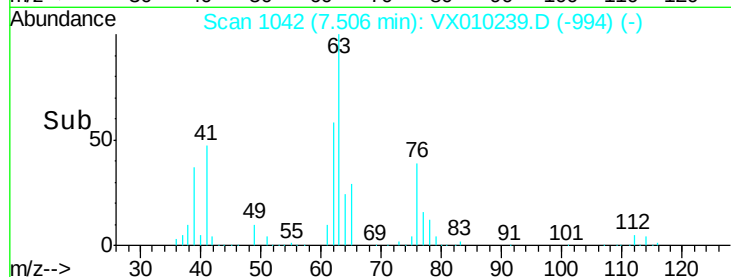
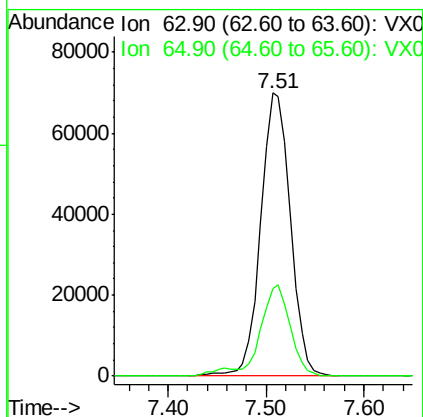
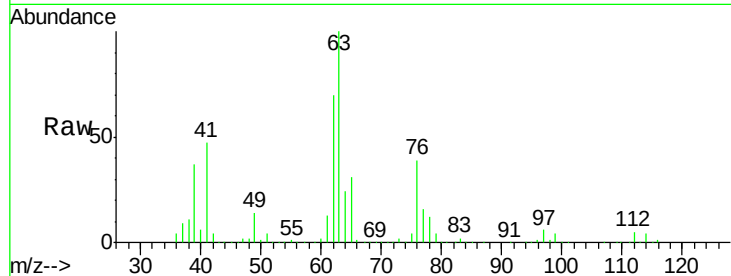
63 100

65 30.8 25.7 38.5

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#46

Dibromomethane

Concen: 47.713 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

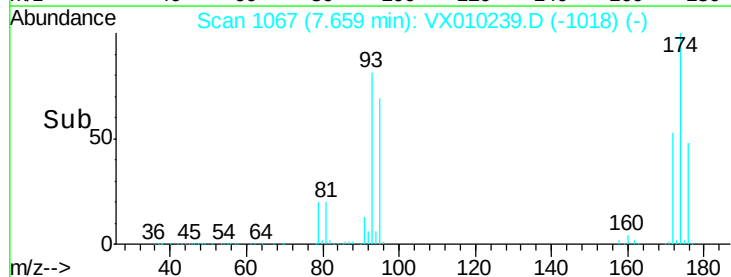
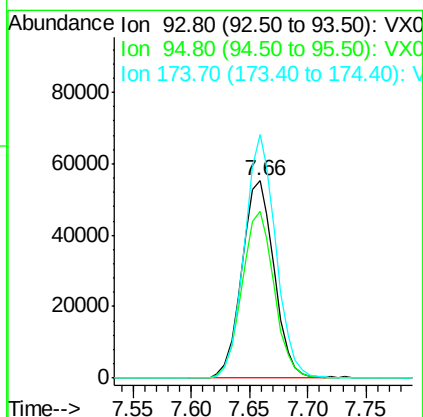
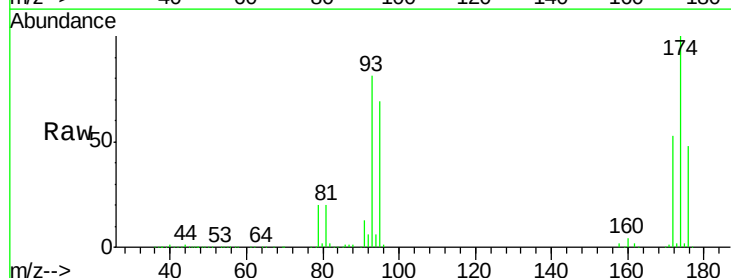
Tgt Ion: 93 Resp: 107330

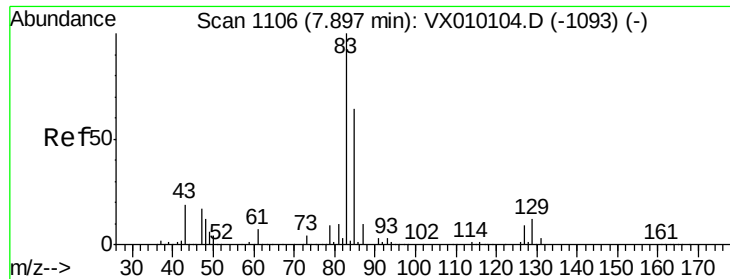
Ion Ratio Lower Upper

93 100

95 84.4 66.8 100.2

174 119.4 81.9 122.9





#47

Bromodichloromethane

Concen: 49.066 ug/l

RT: 7.89 min Scan# 1105

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

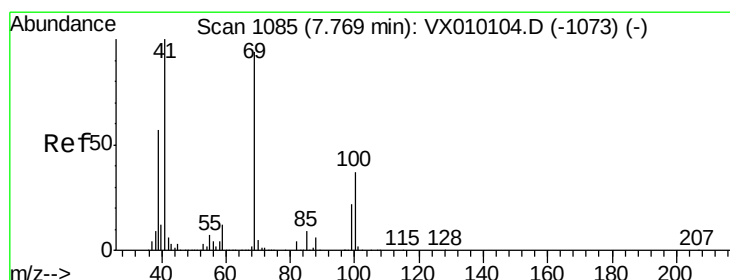
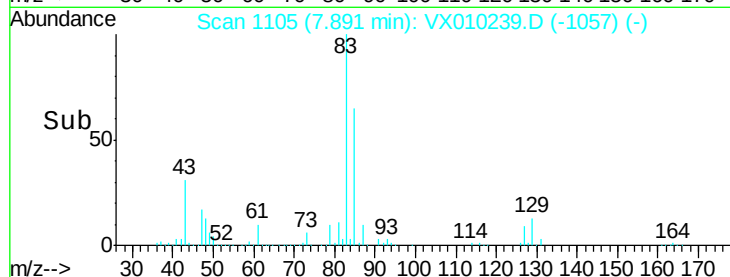
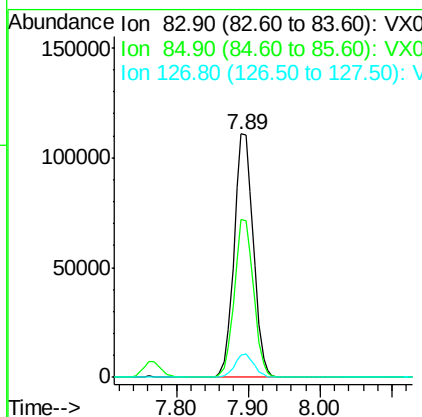
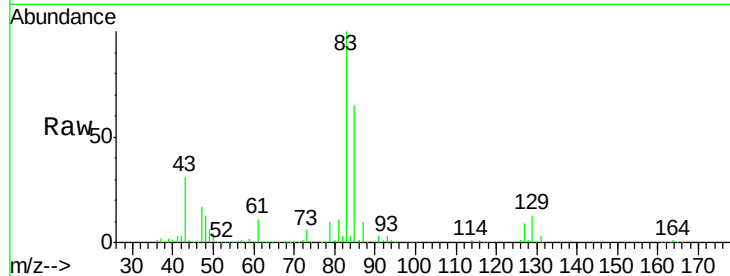
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	206245
Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.4	77.2
127	9.3	6.4	9.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 48.753 ug/l

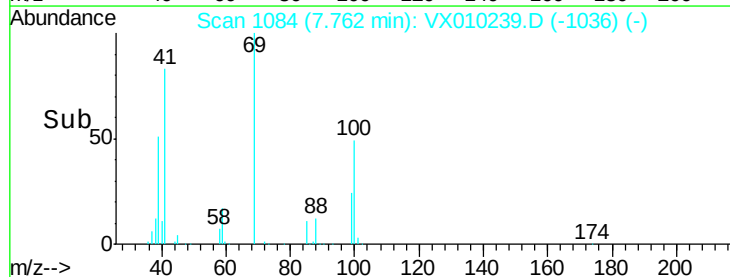
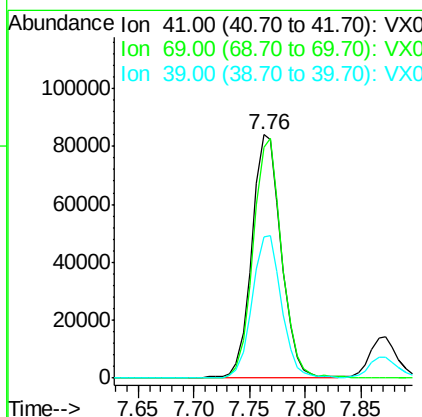
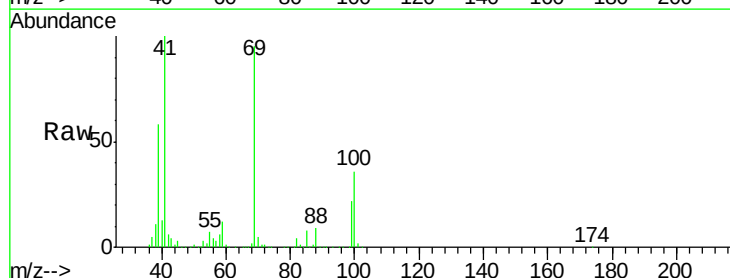
RT: 7.76 min Scan# 1084

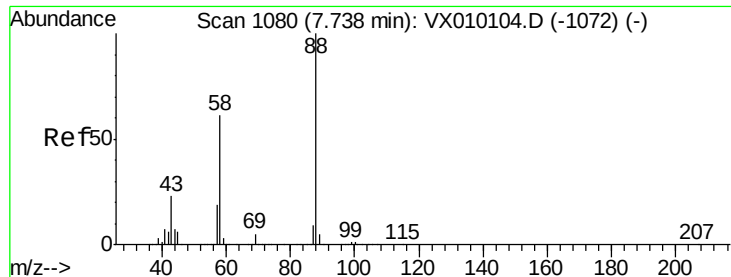
Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	41	Resp:	153882
Ion	Ratio	Lower	Upper
41	100		
69	96.3	56.4	84.6#
39	58.2	40.6	60.8





#49

1,4-Dioxane

Concen: 979.729 ug/l

RT: 7.73 min Scan# 1079

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

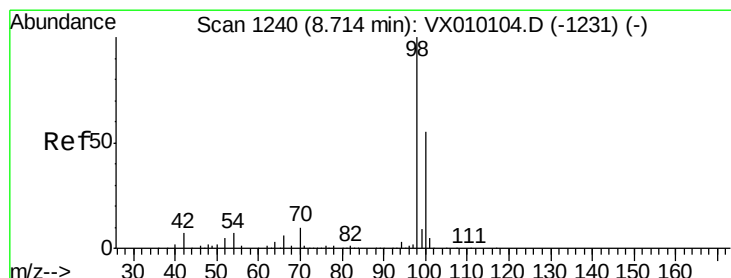
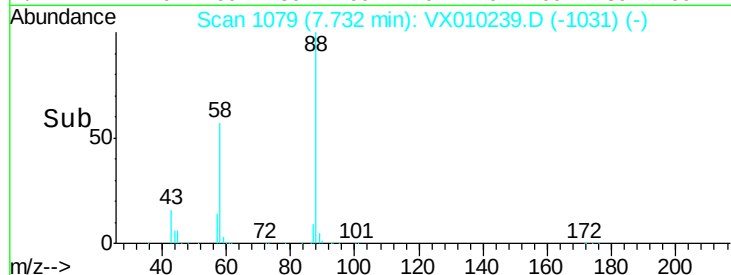
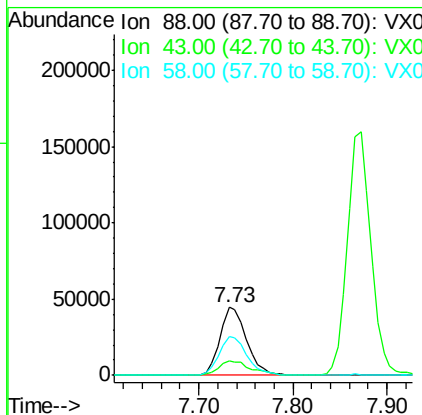
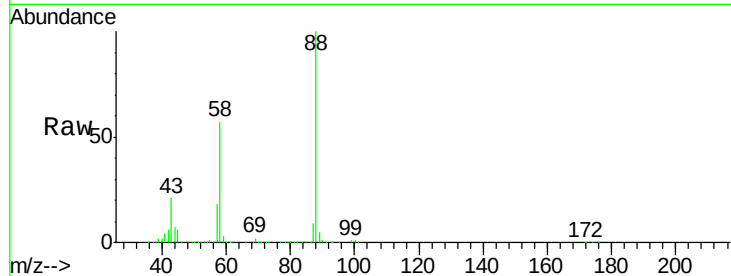
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	88168
Ion	Ratio	Lower	Upper
88	100		
43	25.1	30.2	45.4#
58	60.1	64.0	96.0#

Manual Integrations
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#50

Toluene-d8

Concen: 51.216 ug/l

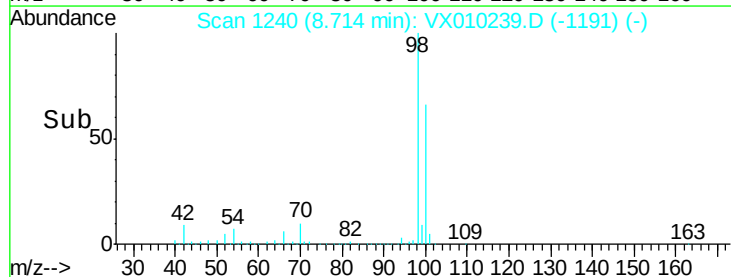
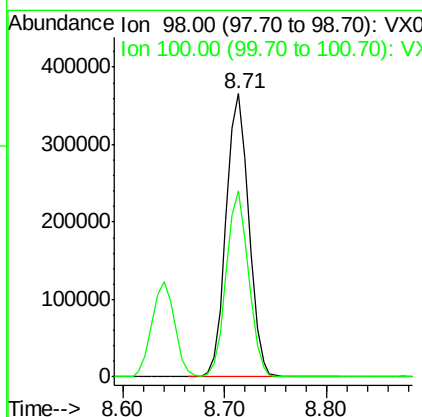
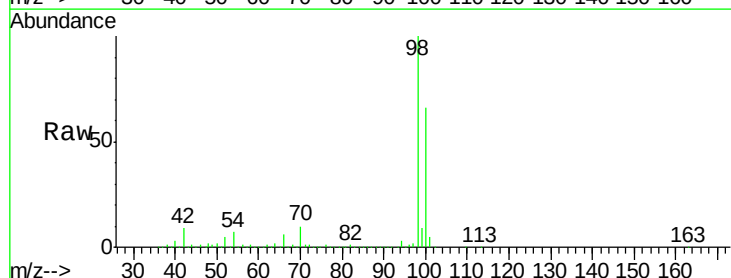
RT: 8.71 min Scan# 1240

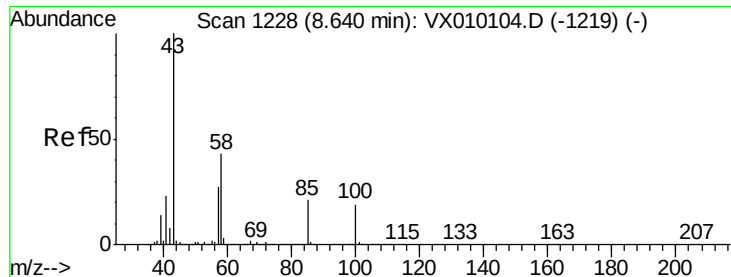
Delta R.T. 0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	98	Resp:	563025
Ion	Ratio	Lower	Upper
98	100		
100	64.7	51.5	77.3





#51

4-Methyl-2-Pentanone

Concen: 258.477 ug/l

RT: 8.64 min Scan# 1228

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1042166

Ion Ratio Lower Upper

43 100

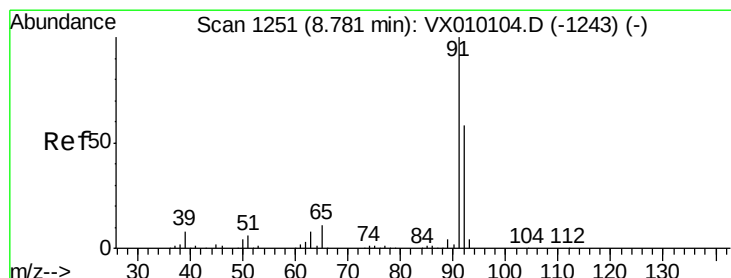
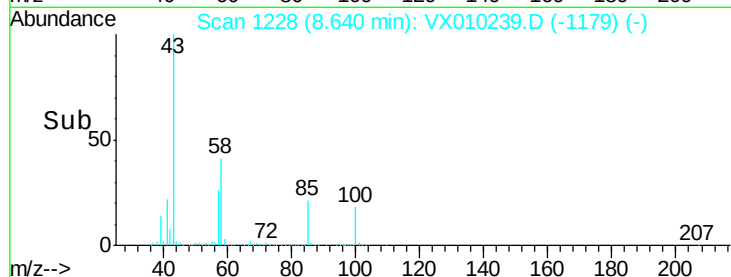
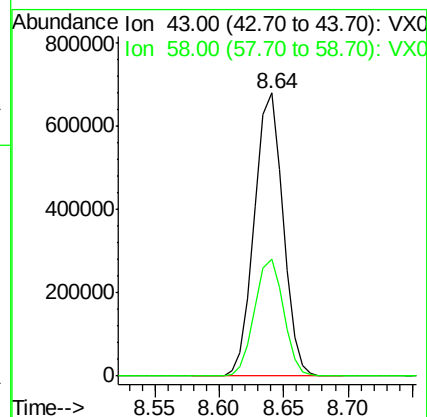
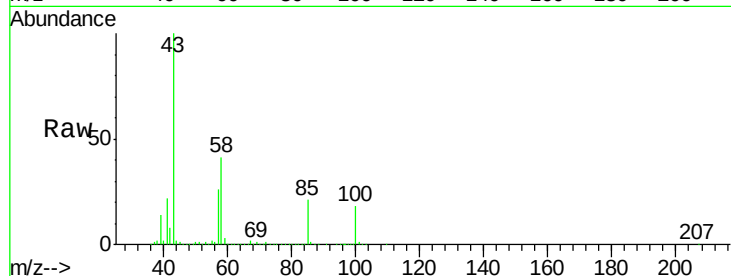
58 41.9 28.8 43.2

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#52

Toluene

Concen: 49.840 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VX010239.D

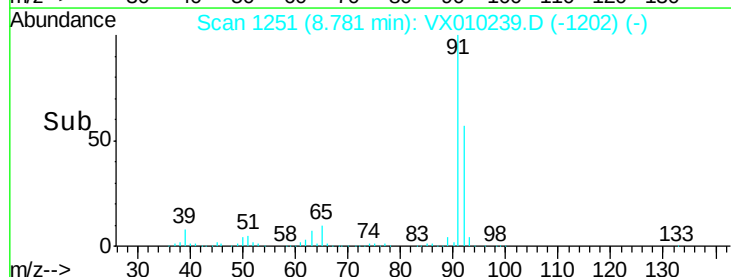
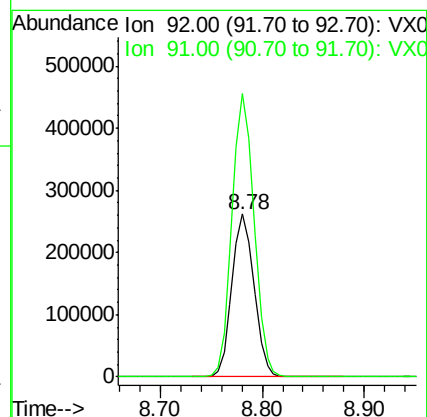
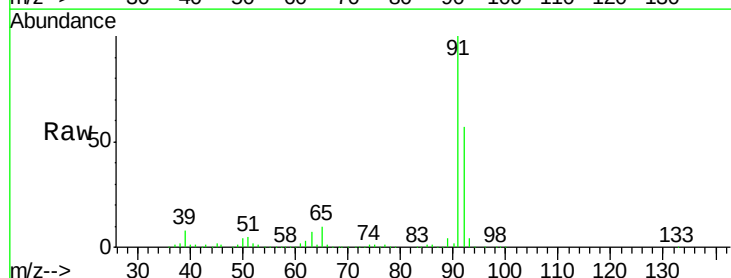
Acq: 12 Jun 2019 09:46

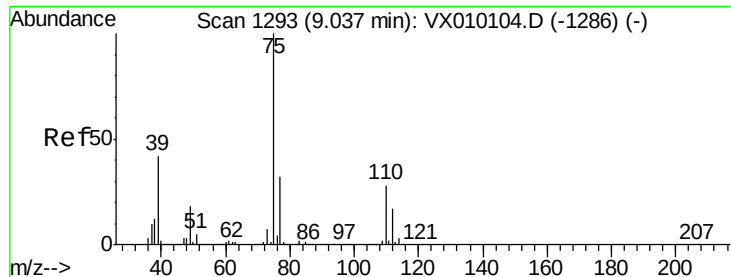
Tgt Ion: 92 Resp: 393026

Ion Ratio Lower Upper

92 100

91 173.8 139.9 209.9





#53

t-1,3-Dichloropropene

Concen: 48.016 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 233451

Ion Ratio Lower Upper

75 100

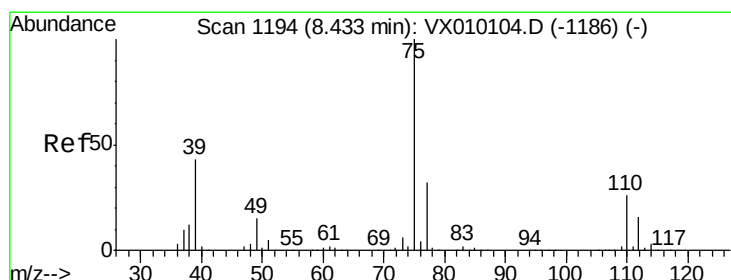
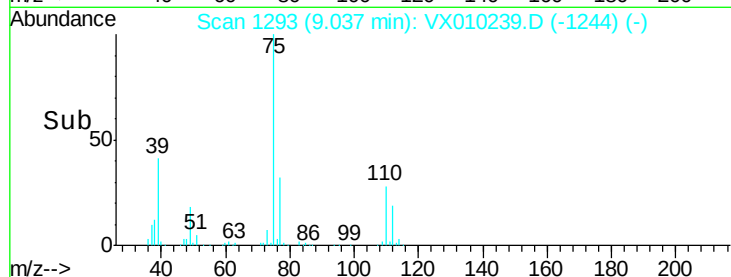
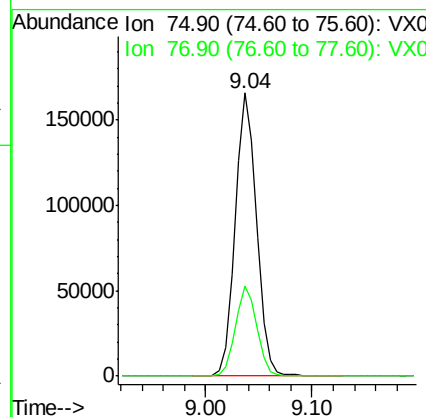
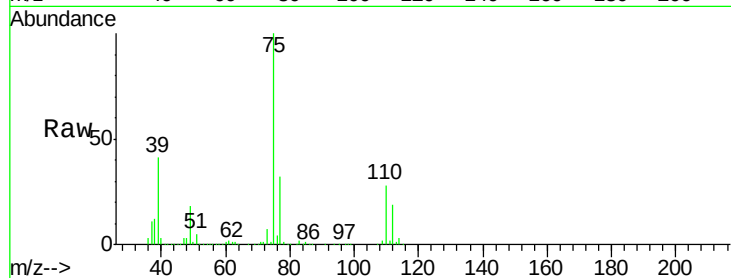
77 31.9 24.6 36.8

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 48.368 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

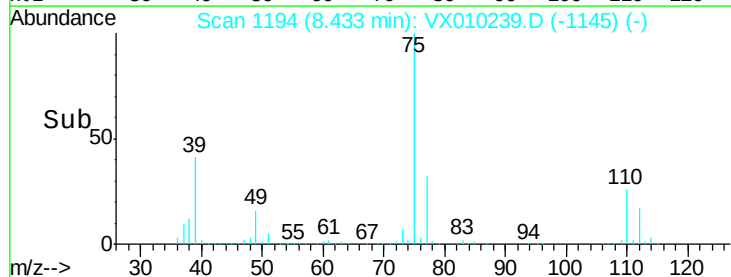
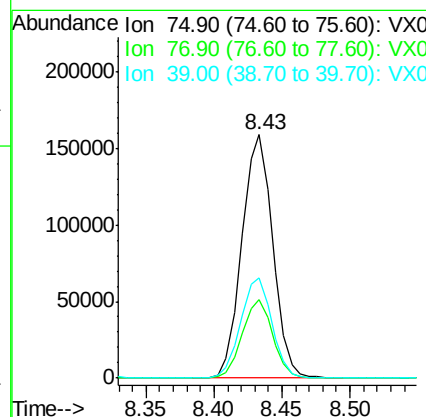
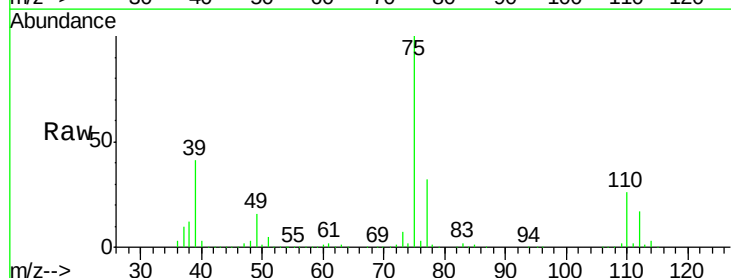
Tgt Ion: 75 Resp: 252104

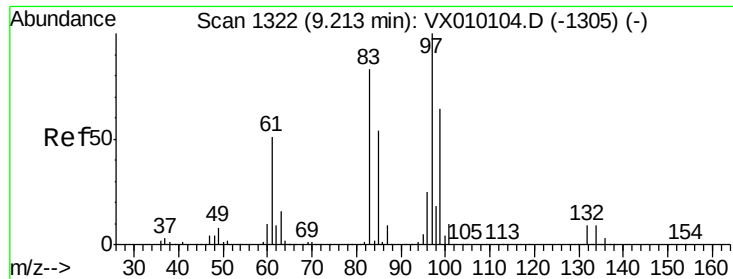
Ion Ratio Lower Upper

75 100

77 32.3 24.8 37.2

39 40.8 43.4 65.0#





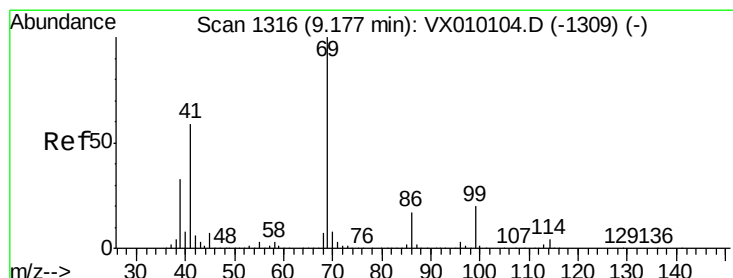
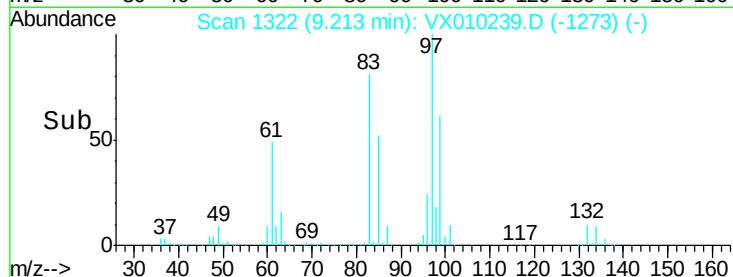
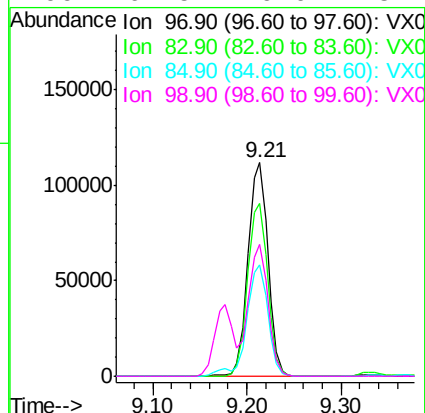
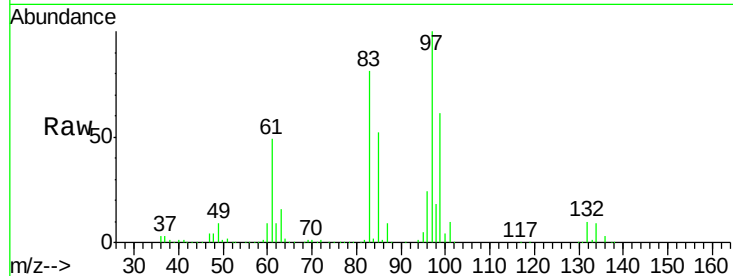
#55
 1,1,2-Trichloroethane
 Concen: 51.630 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	81.1	69.8	104.8
85	52.1	45.3	67.9
99	61.5	49.0	73.4

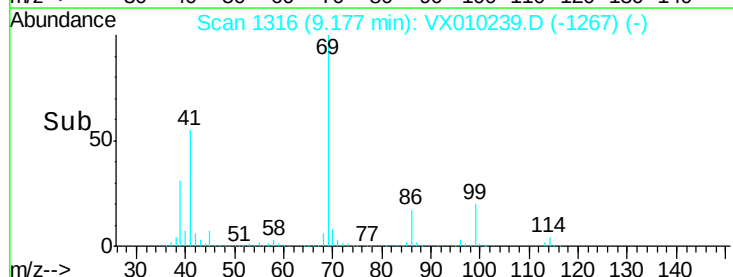
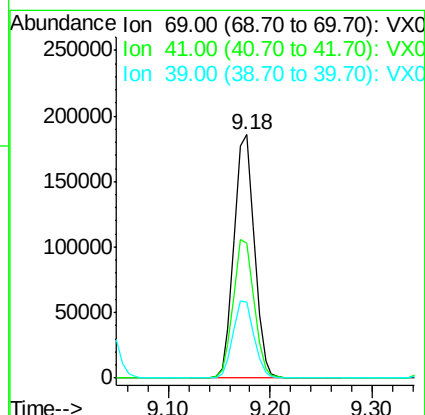
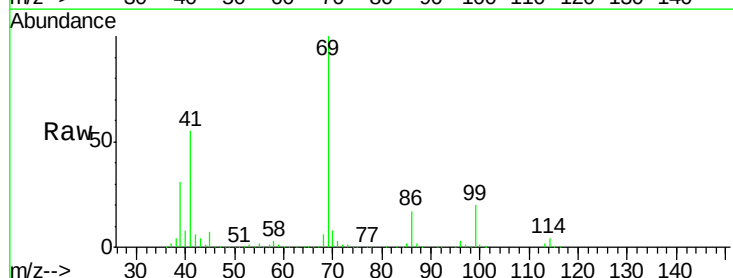
Manual Integrations
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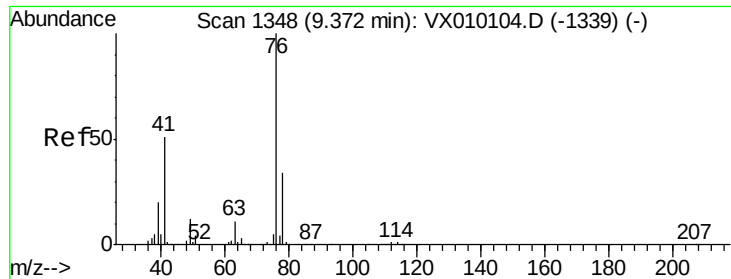
MMDadoda
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#56
 Ethyl methacrylate
 Concen: 50.238 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
69	100		
41	57.9	62.7	94.1#
39	32.4	29.5	44.3





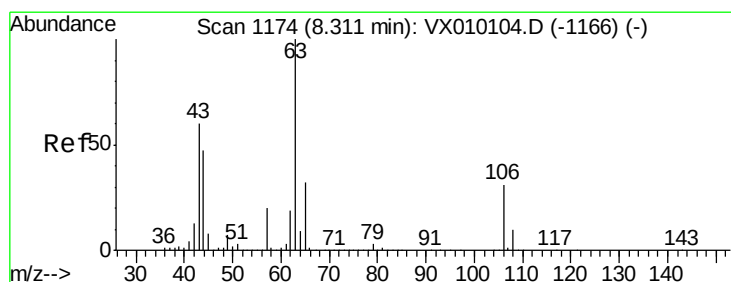
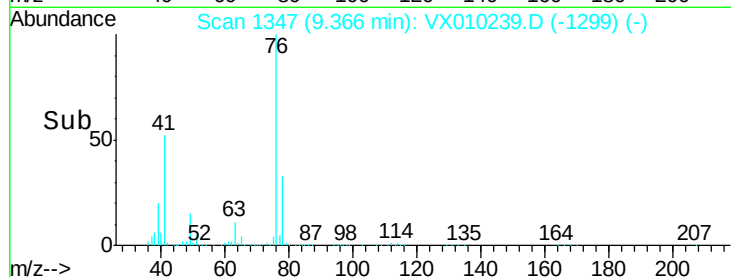
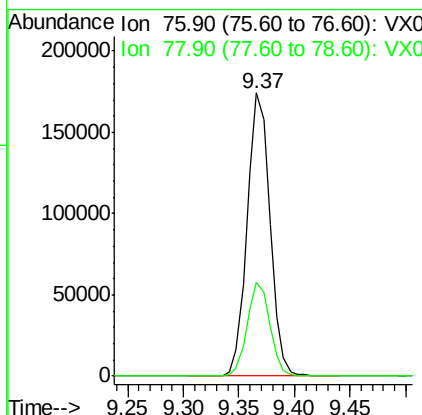
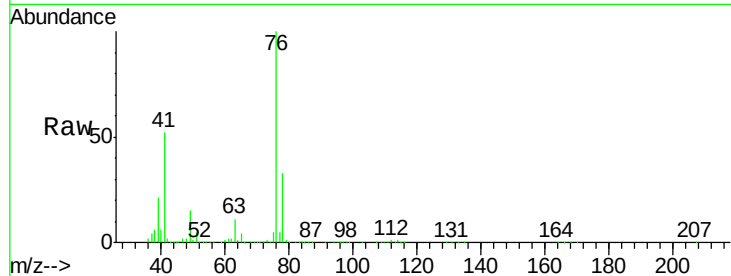
#57
 1,3-Dichloropropane
 Concen: 49.001 ug/l
 RT: 9.37 min Scan# 1347
 Delta R.T. -0.01 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 76 Resp: 249141
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.4 38.0

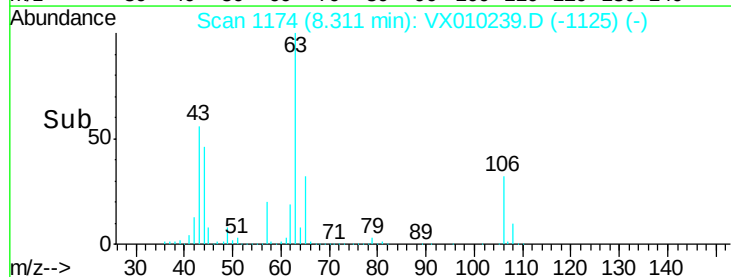
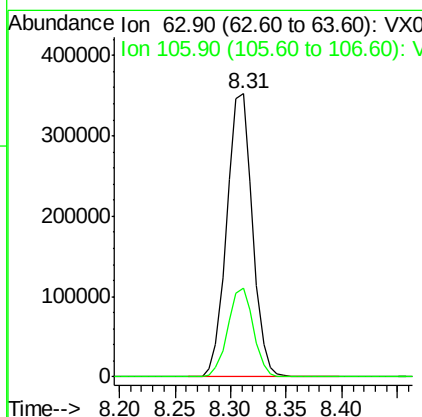
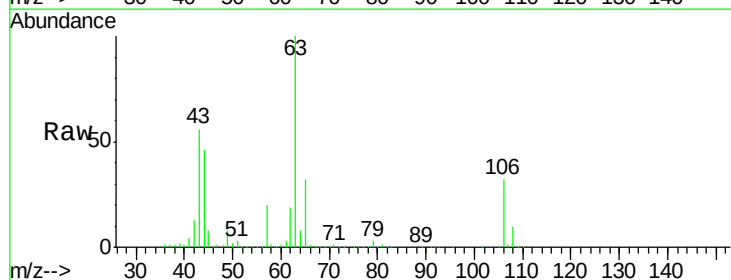
Manual Integrations
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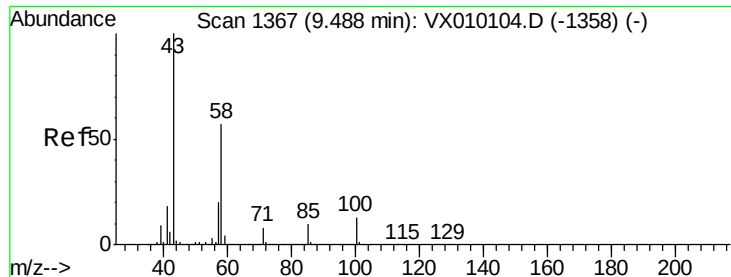
MMDadoda
 6/13/2019 9:17:27 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 233.838 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion: 63 Resp: 562386
 Ion Ratio Lower Upper
 63 100
 106 31.3 19.4 29.2#





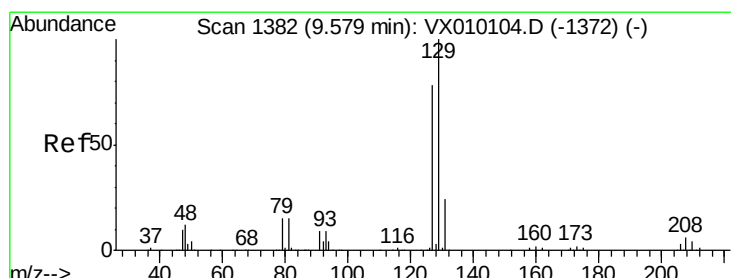
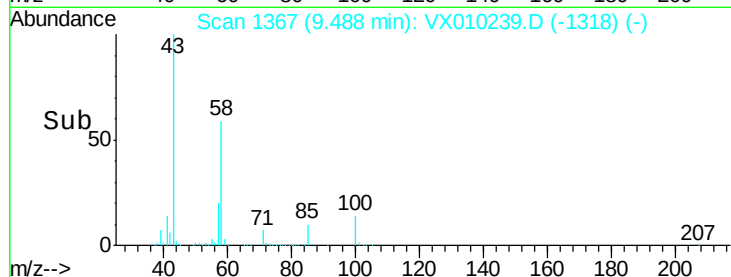
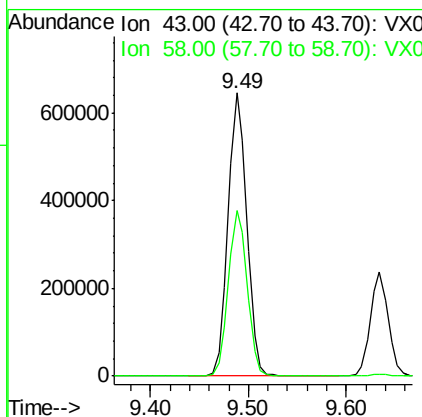
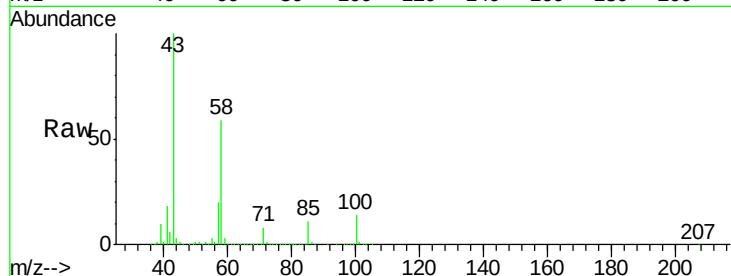
#59
2-Hexanone
Concen: 267.481 ug/l
RT: 9.49 min Scan# 1367
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 859874
Ion Ratio Lower Upper
43 100
58 58.9 25.1 75.3

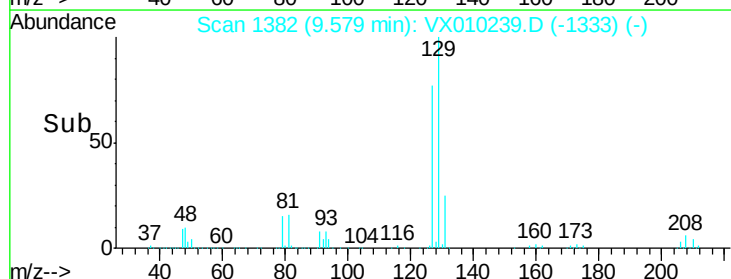
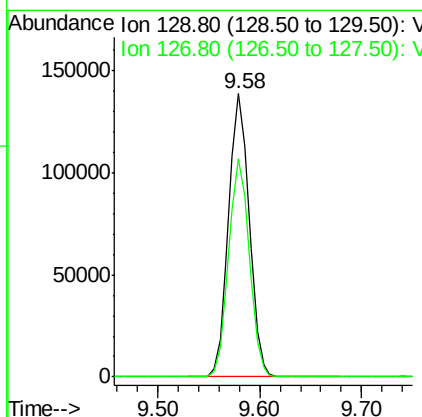
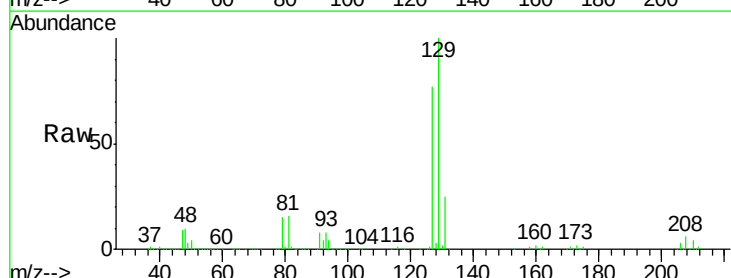
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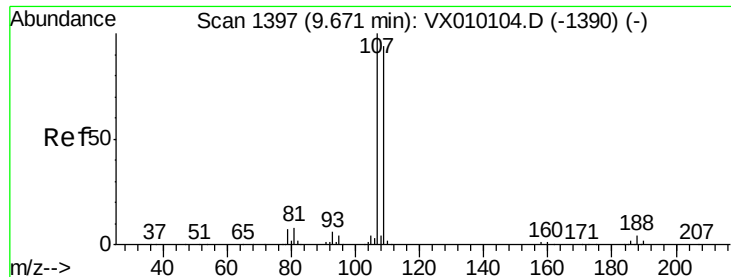
MMDadoda
6/13/2019 9:17:27 AM



#60
Dibromochloromethane
Concen: 50.917 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 129 Resp: 194506
Ion Ratio Lower Upper
129 100
127 76.9 38.5 115.5





#61

1,2-Dibromoethane

Concen: 49.495 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:107 Resp: 178028

Ion Ratio Lower Upper

107 100

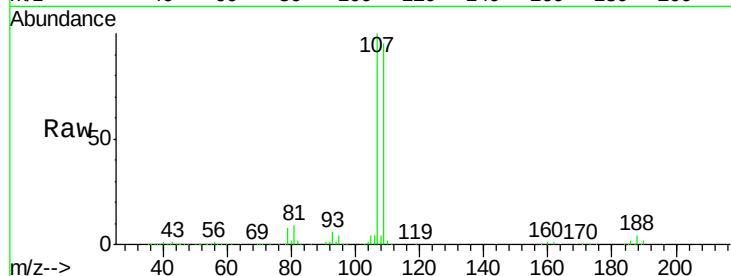
109 93.9 75.4 113.2

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

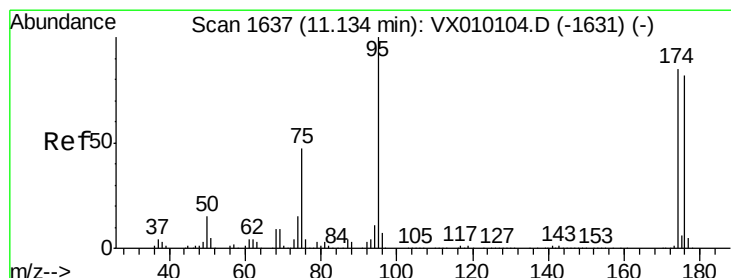
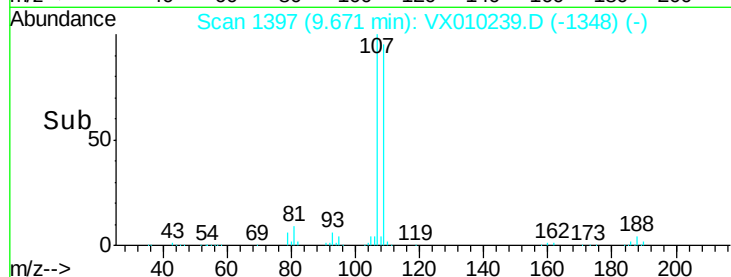
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.293 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

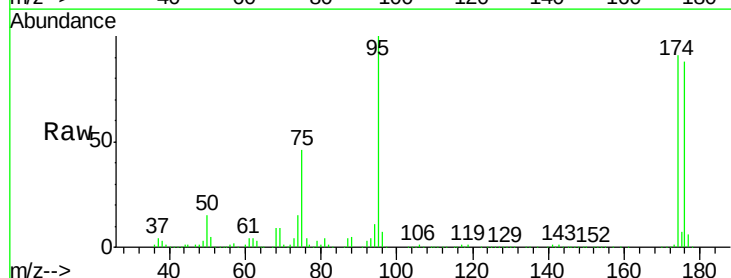
Tgt Ion: 95 Resp: 210582

Ion Ratio Lower Upper

95 100

174 93.4 0.0 160.4

176 92.0 0.0 154.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.13

200000

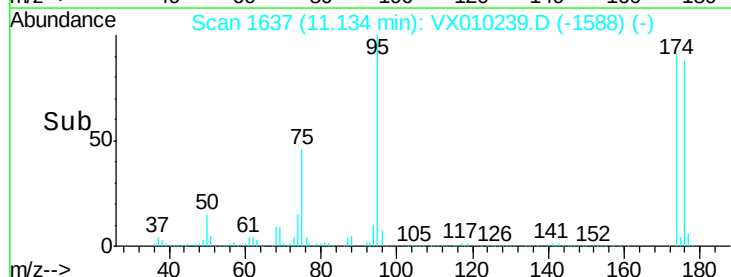
150000

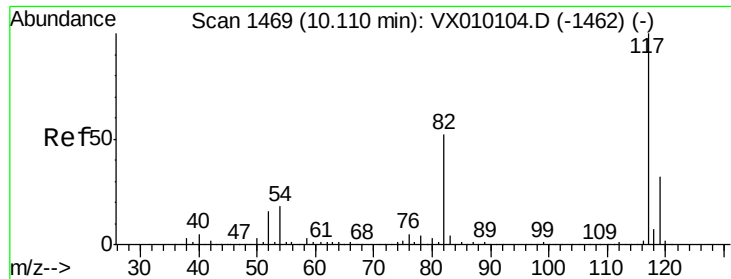
100000

50000

0

Time-->





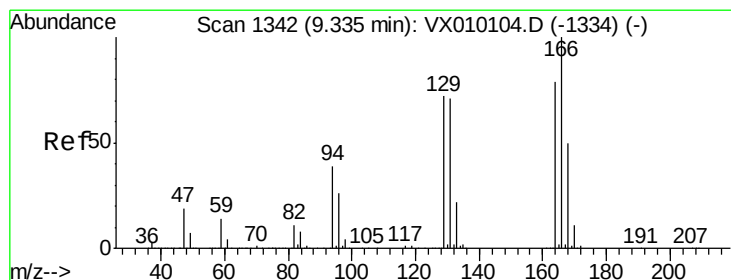
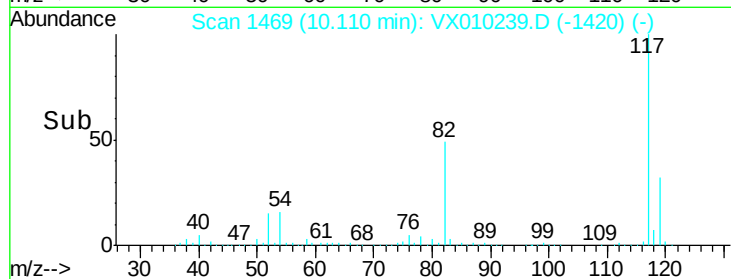
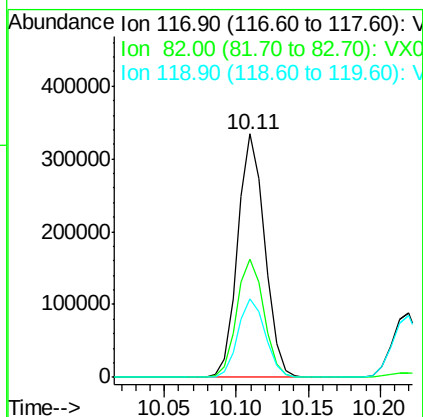
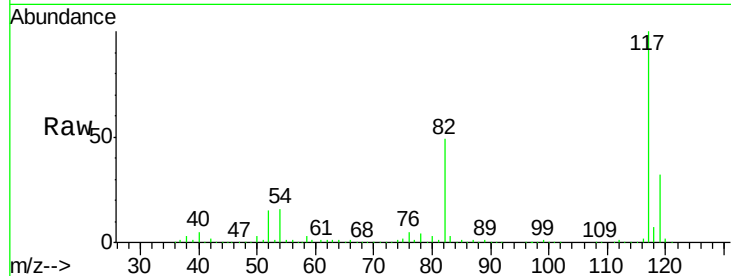
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	48.7	49.2	73.8#
119	32.2	25.2	37.8

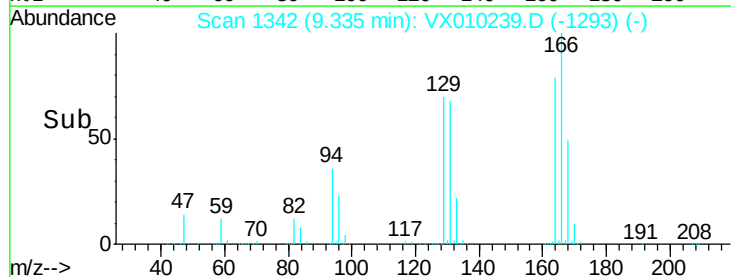
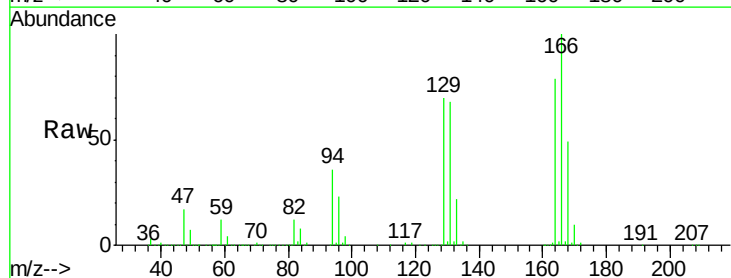
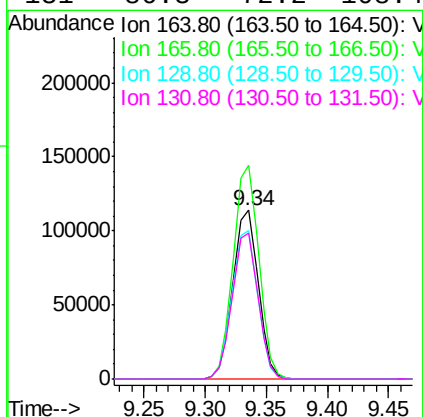
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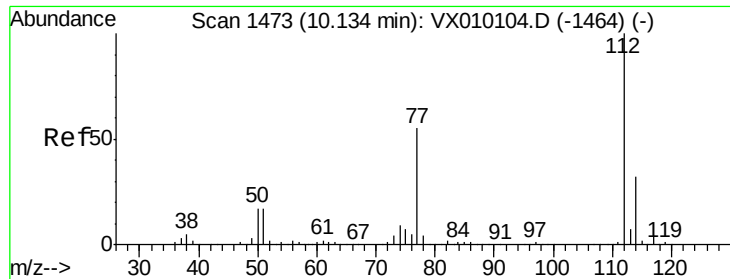
MMDadoda
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#64
Tetrachloroethene
Concen: 50.420 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.5	105.0	157.4
129	88.1	75.1	112.7
131	86.3	72.2	108.4





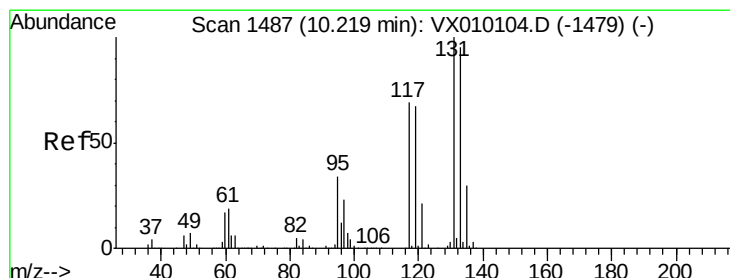
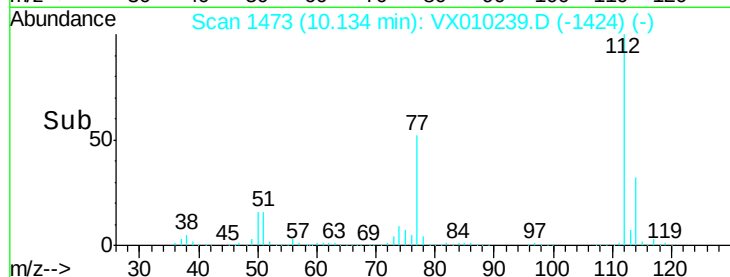
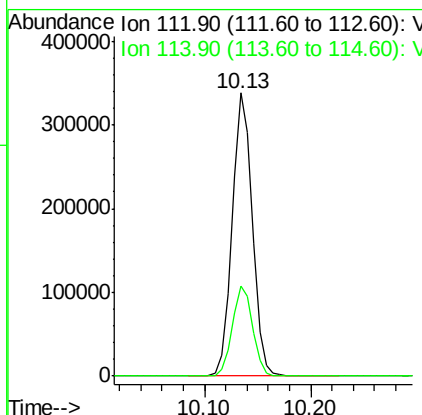
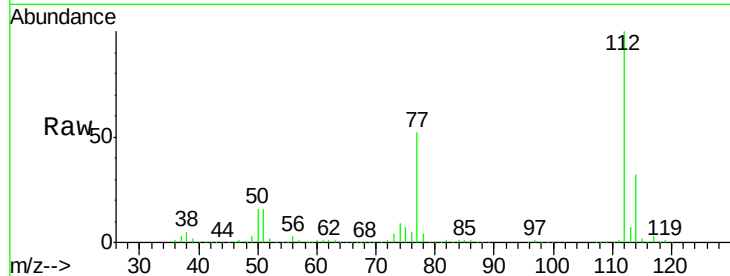
#65
Chlorobenzene
Concen: 49.825 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 449580
Ion Ratio Lower Upper
112 100
114 31.9 25.8 38.8

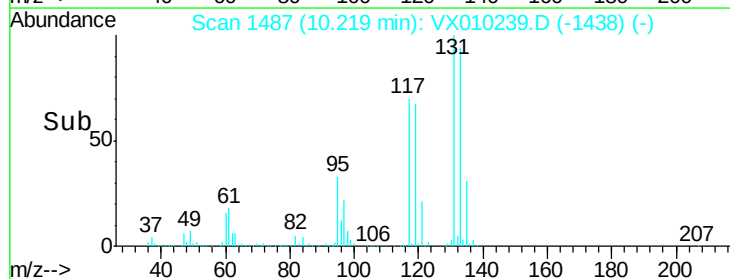
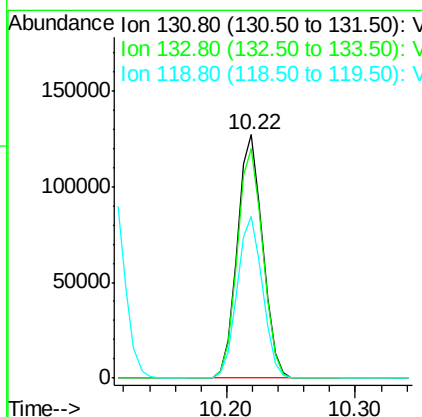
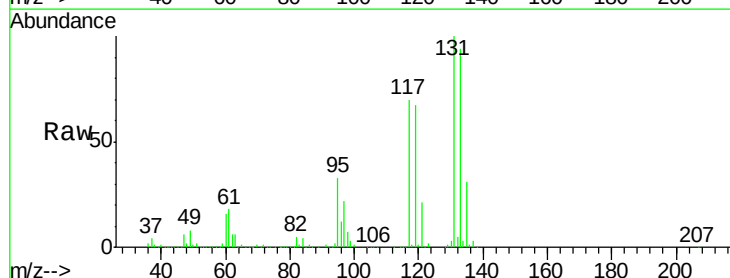
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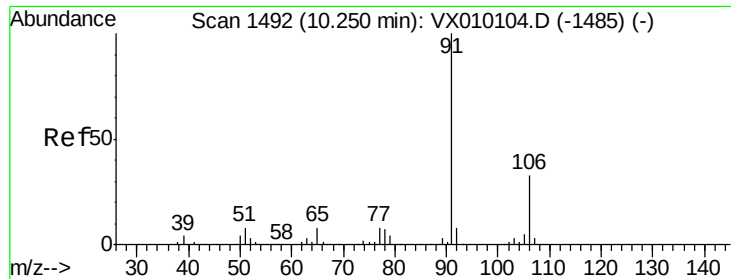
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#66
1,1,1,2-Tetrachloroethane
Concen: 49.881 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion:131 Resp: 173087
Ion Ratio Lower Upper
131 100
133 95.2 47.5 142.6
119 66.9 33.4 100.1





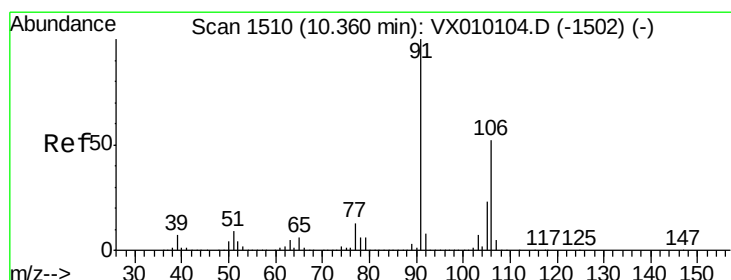
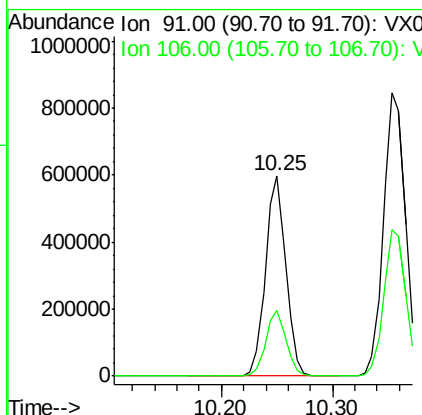
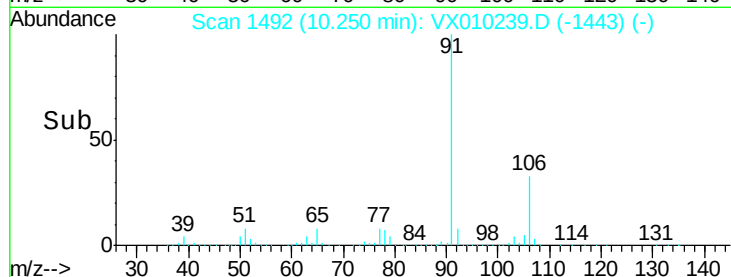
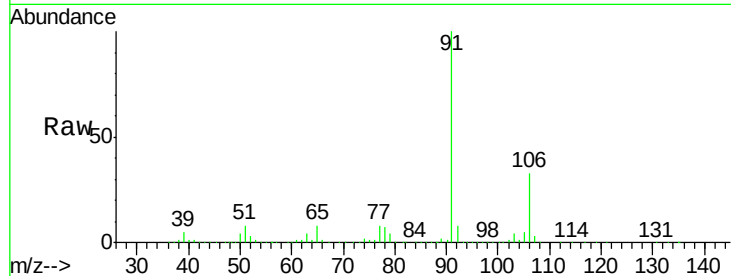
#67
Ethyl Benzene
Concen: 49.988 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 767858
Ion Ratio Lower Upper
91 100
106 32.9 23.9 35.9

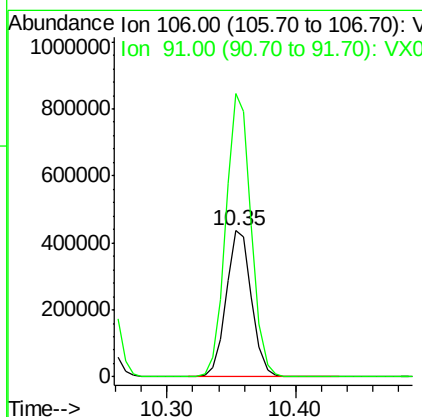
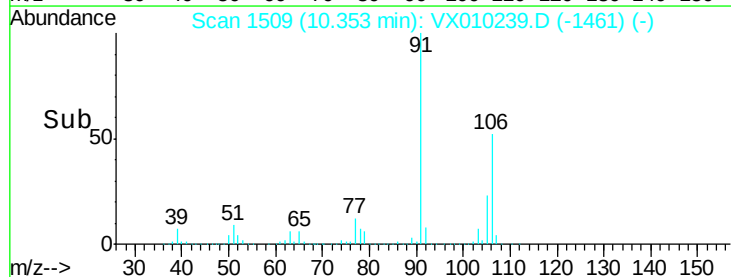
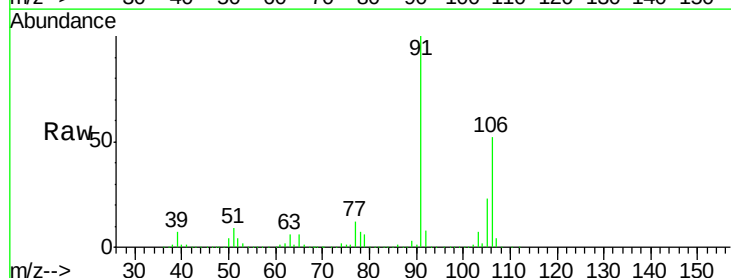
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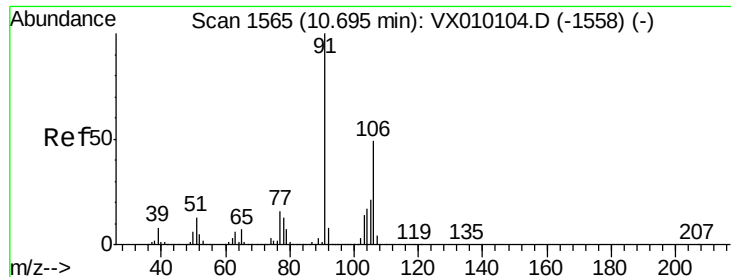
MMDadoda
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#68
m/p-Xylenes
Concen: 101.174 ug/l
RT: 10.35 min Scan# 1509
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion: 106 Resp: 601392
Ion Ratio Lower Upper
106 100
91 193.1 167.3 250.9





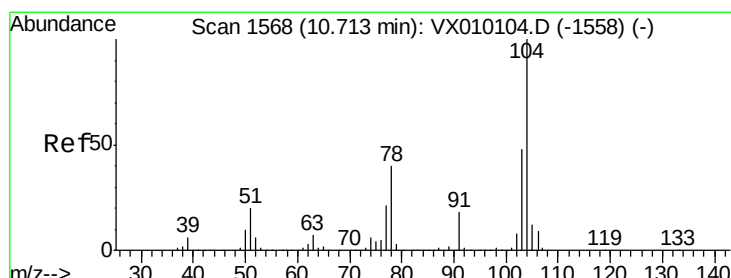
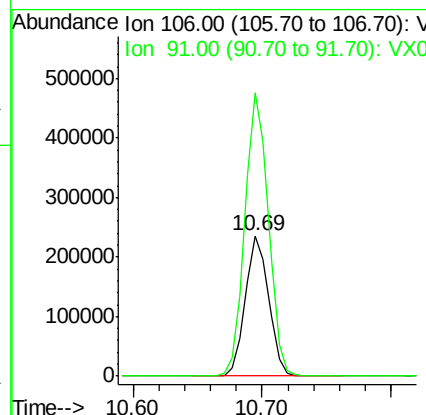
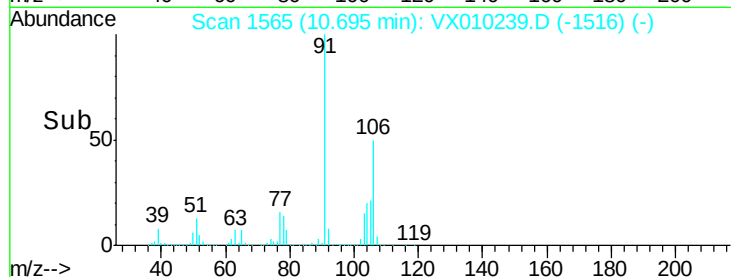
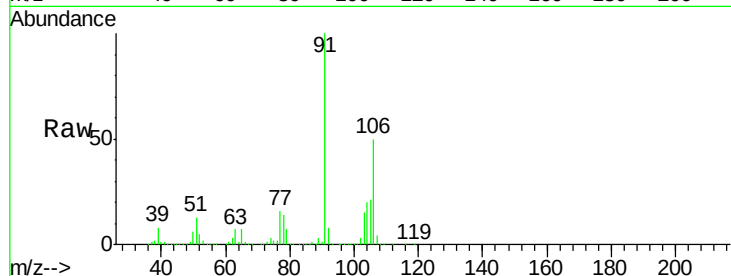
#69
o-Xylene
Concen: 49.891 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ion	Ratio	Lower	Upper
106	100			
91	202.7	110.4	331.2	

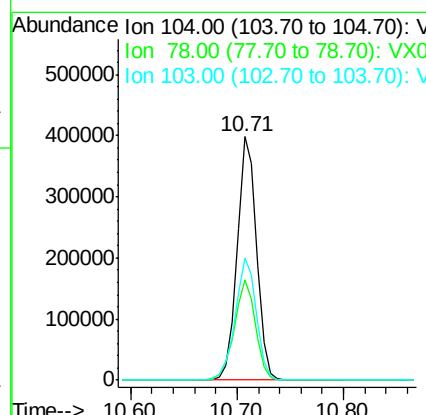
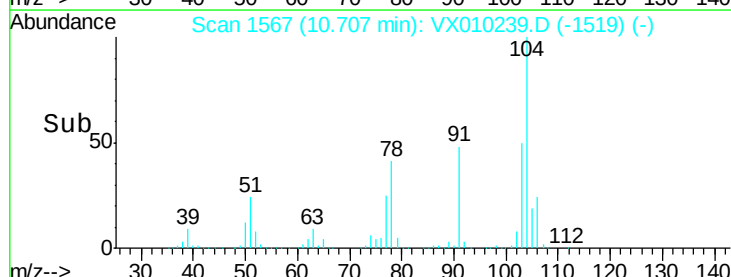
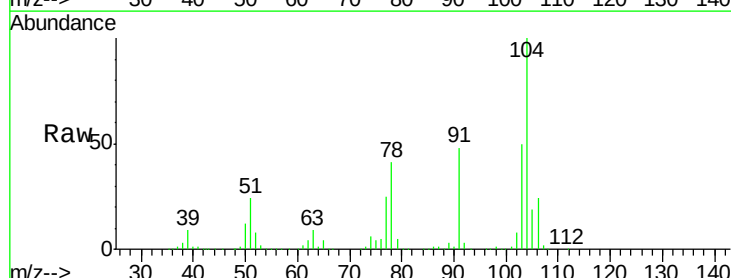
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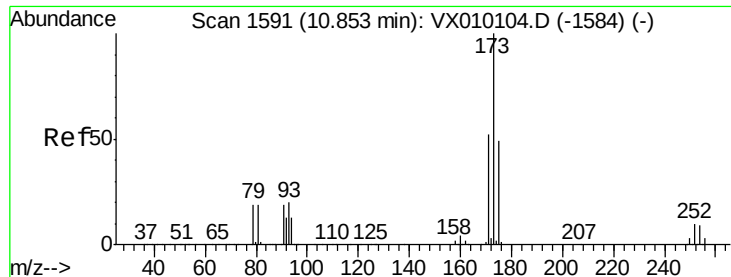
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#70
Styrene
Concen: 51.016 ug/l
RT: 10.71 min Scan# 1567
Delta R.T. -0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ion	Ratio	Lower	Upper
104	100			
78	44.7	42.1	63.1	
103	54.6	44.1	66.1	





#71

Bromoform

Concen: 50.939 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 162497

Ion Ratio Lower Upper

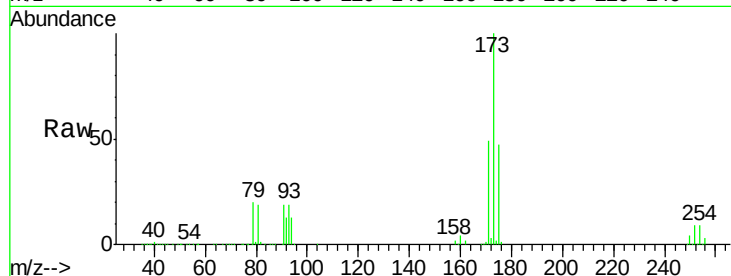
173 100

175 48.4 25.0 75.0

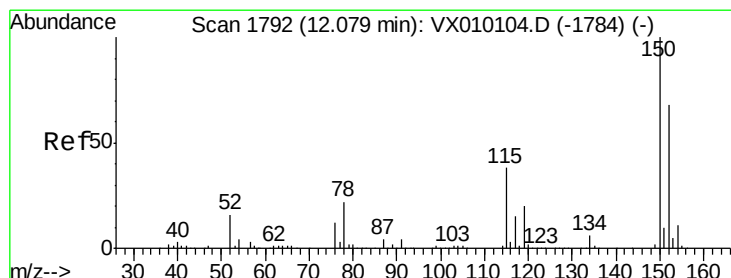
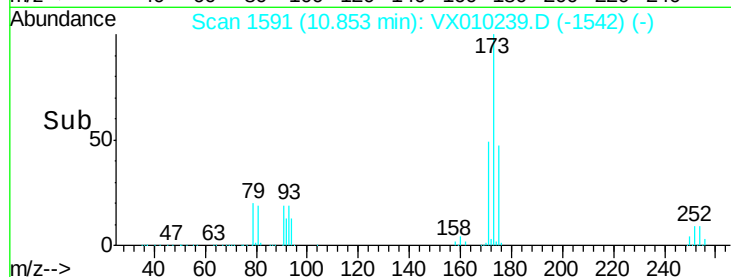
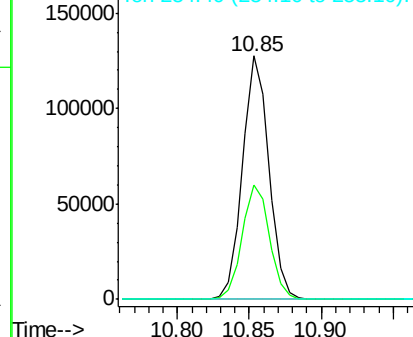
254 0.1 0.2 0.2#

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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

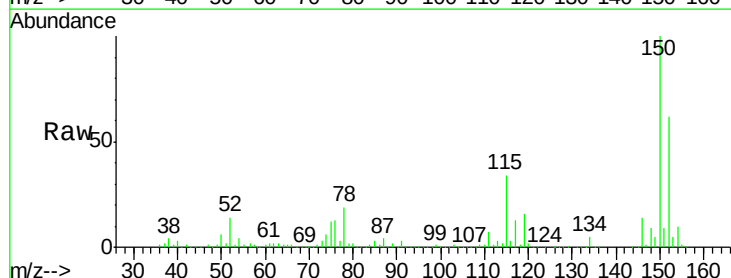
Tgt Ion:152 Resp: 229440

Ion Ratio Lower Upper

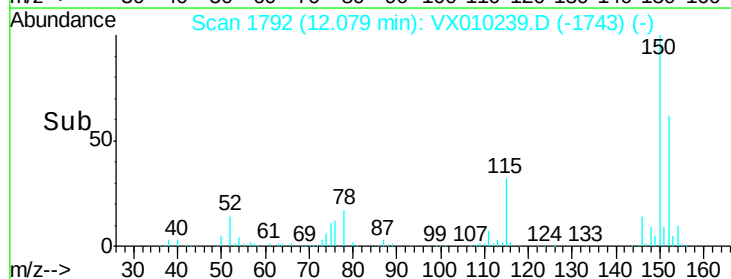
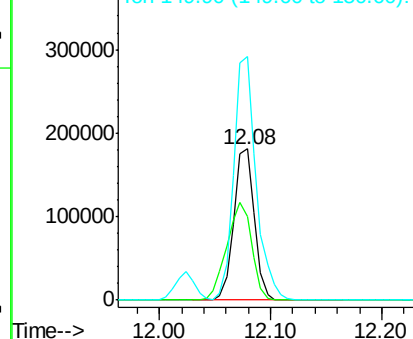
152 100

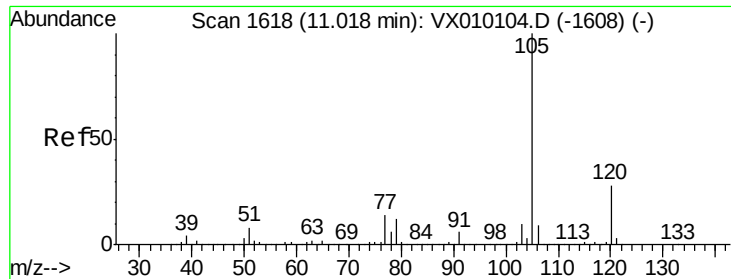
115 78.7 41.4 124.2

150 175.6 0.0 345.2



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: 48.967 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 784279

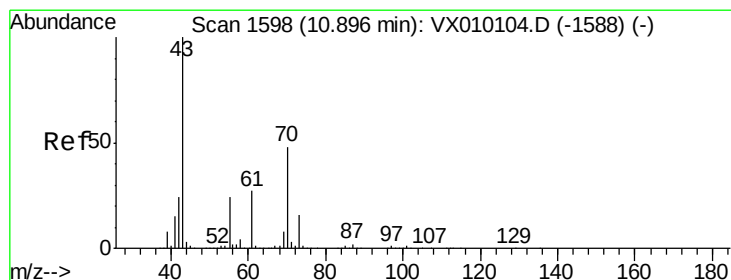
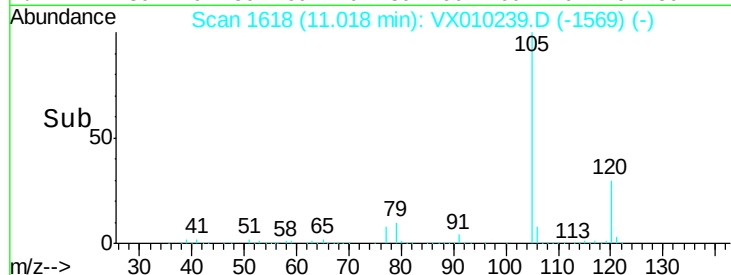
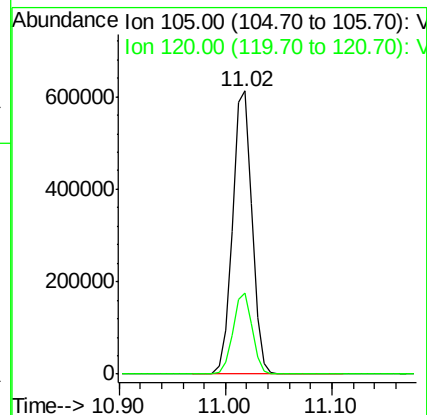
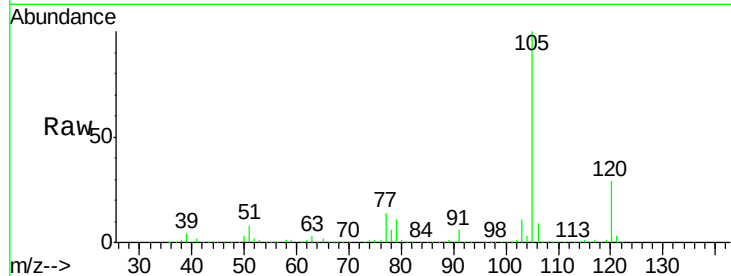
Ion Ratio Lower Upper

105 100

120 28.4 12.8 38.4

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#74

N-ethyl acetate

Concen: 47.750 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion: 43 Resp: 302315

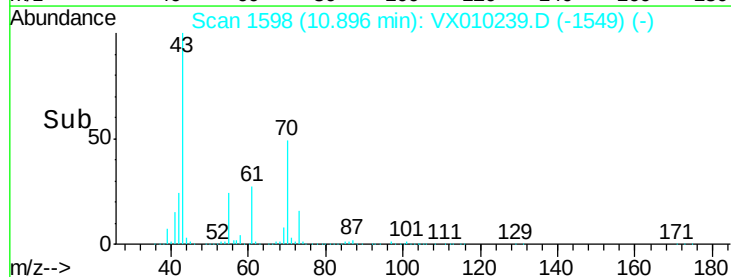
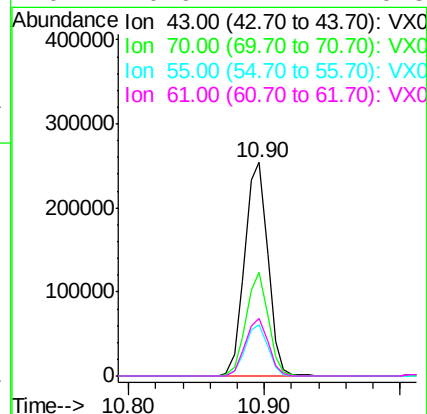
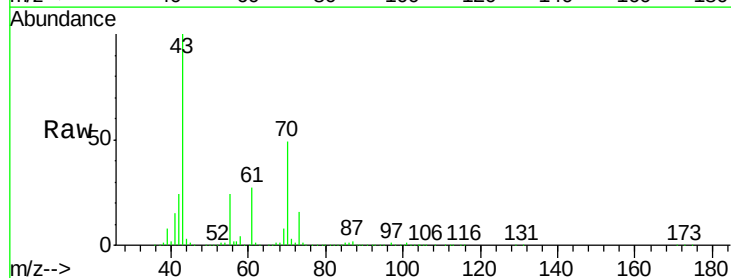
Ion Ratio Lower Upper

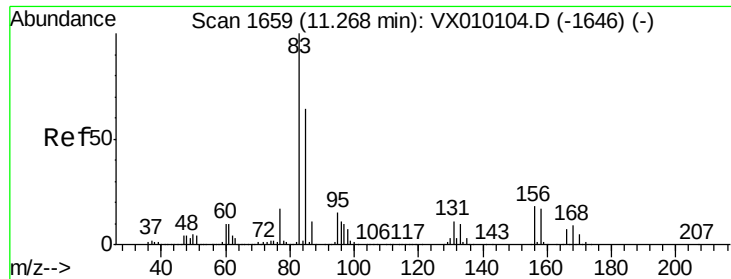
43 100

70 46.3 28.6 43.0#

55 23.8 17.8 26.8

61 26.9 17.7 26.5#





#75

1,1,2,2-Tetrachloroethane

Concen: 47.545 ug/l

RT: 11.26 min Scan# 1658

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

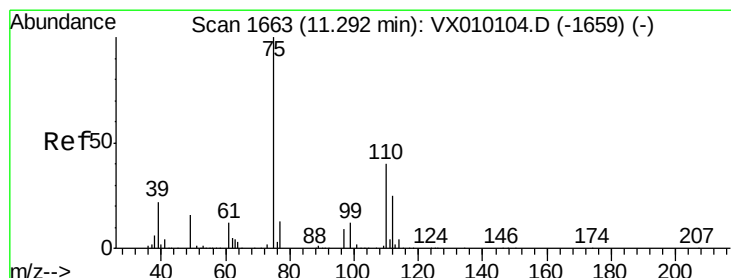
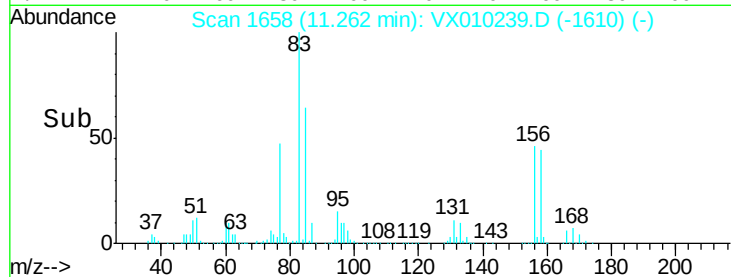
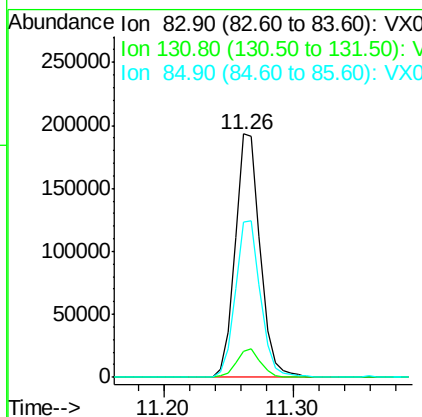
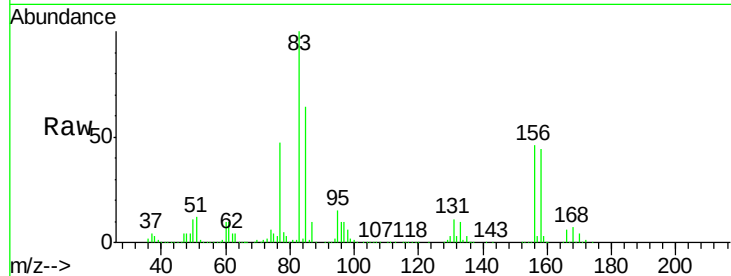
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	260670
Ion	Ratio	Lower	Upper
83	100		
131	11.1	4.7	14.1
85	65.0	31.9	95.9

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#76

1,2,3-Trichloropropane

Concen: 47.879 ug/l m

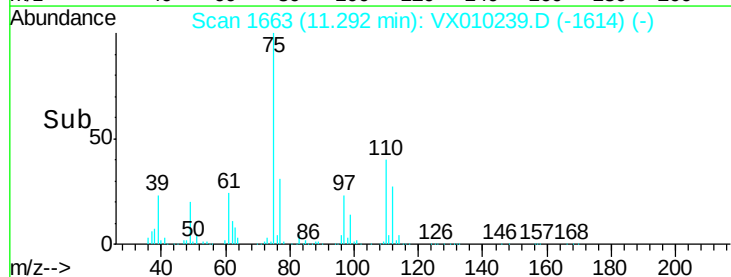
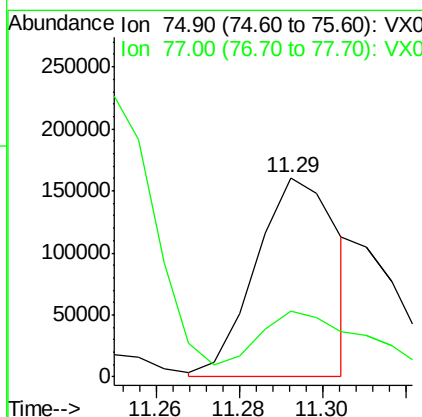
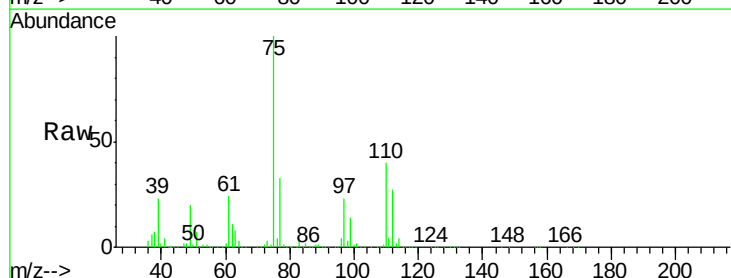
RT: 11.29 min Scan# 1663

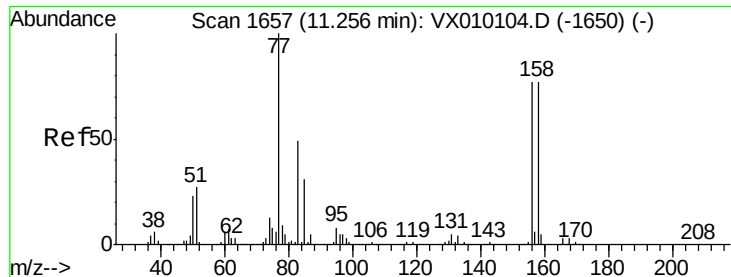
Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	75	Resp:	219729
Ion	Ratio	Lower	Upper
75	100		
77	44.5	22.1	66.1





#77

Bromobenzene

Concen: 48.892 ug/l

RT: 11.25 min Scan# 1656

Delta R.T. -0.01 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

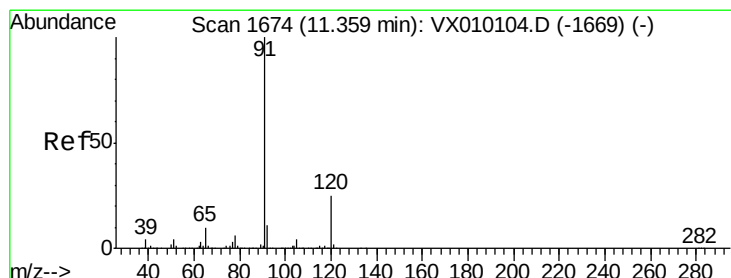
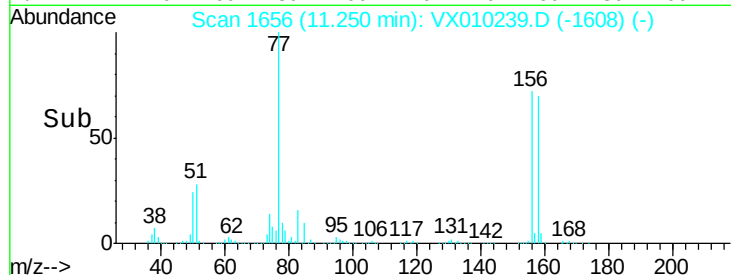
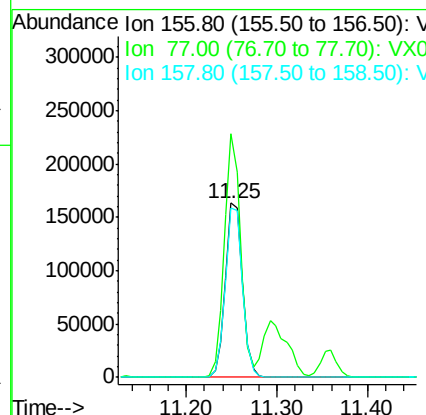
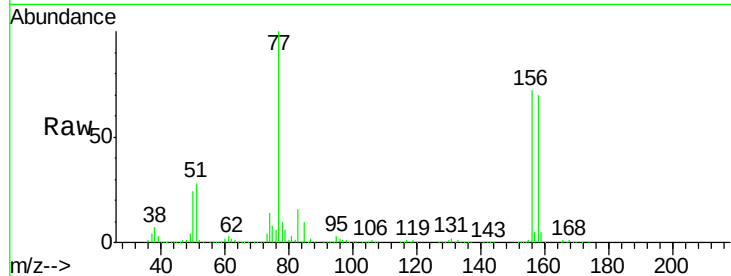
ClientSampleId :

VSTDCCC050

Tot Ion:	156	Resp:	215344
Ion Ratio	Lower	Upper	
156	100		
77	132.8	86.8	260.3
158	97.7	49.6	148.8

Manual Integrations
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#78

n-propylbenzene

Concen: 49.615 ug/l

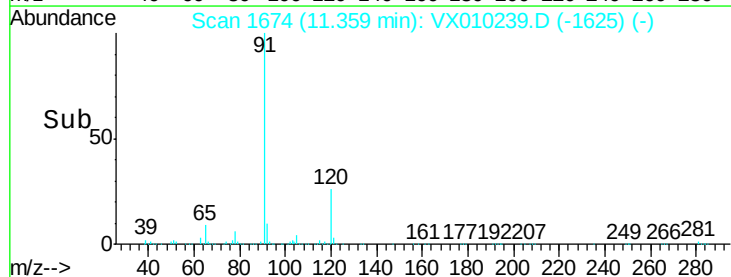
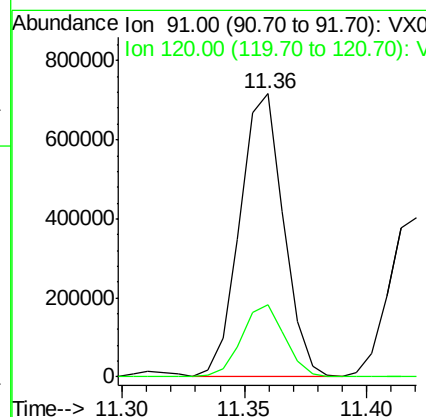
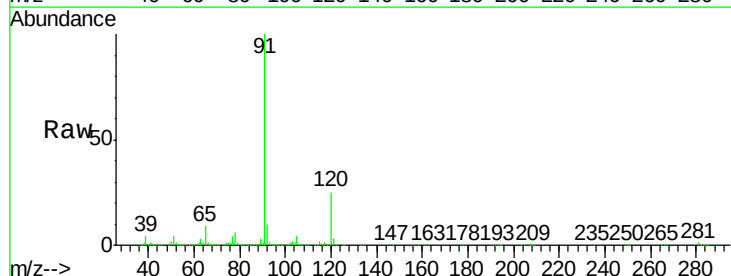
RT: 11.36 min Scan# 1674

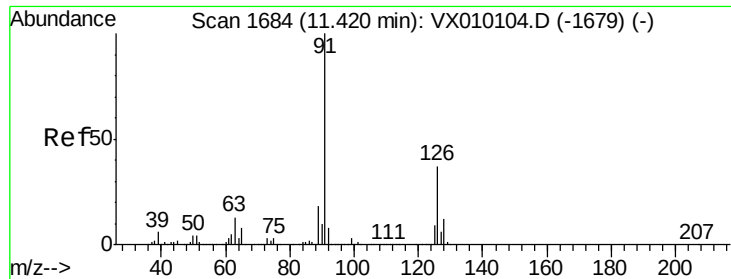
Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	91	Resp:	884676
Ion Ratio	Lower	Upper	
91	100		
120	25.2	11.1	33.3





#79

2-Chlorotoluene

Concen: 48.030 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 514363

Ion Ratio Lower Upper

91 100

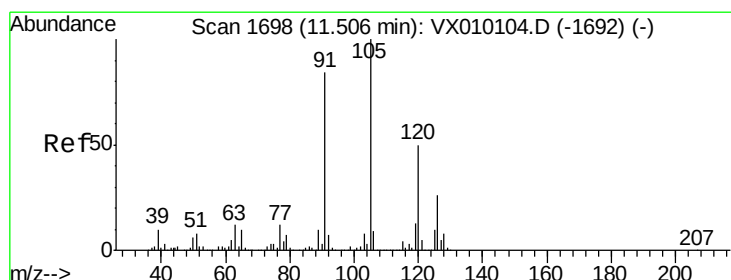
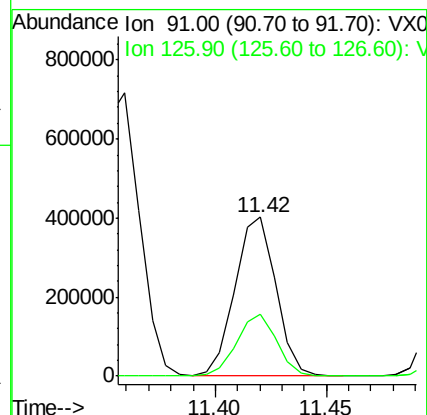
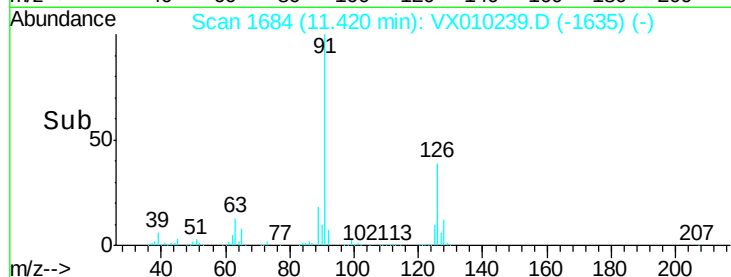
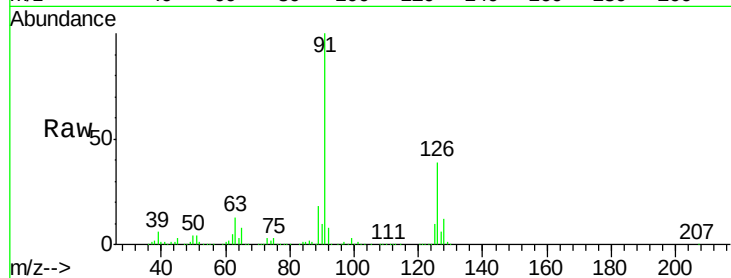
126 38.0 16.1 48.3

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 48.853 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX010239.D

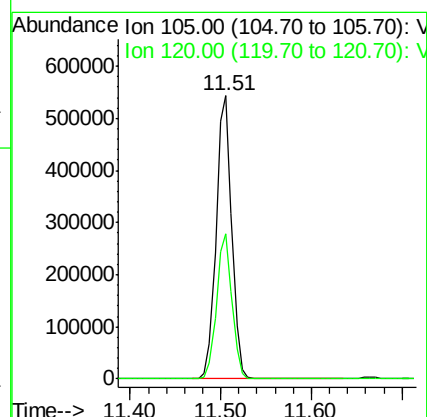
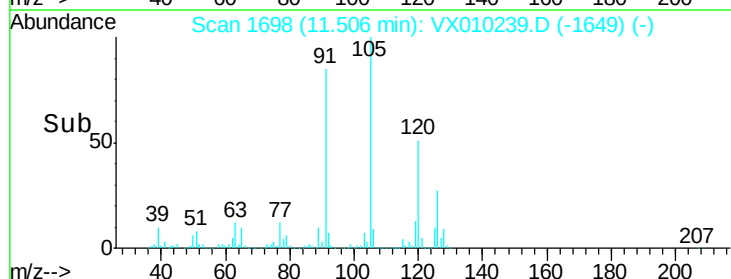
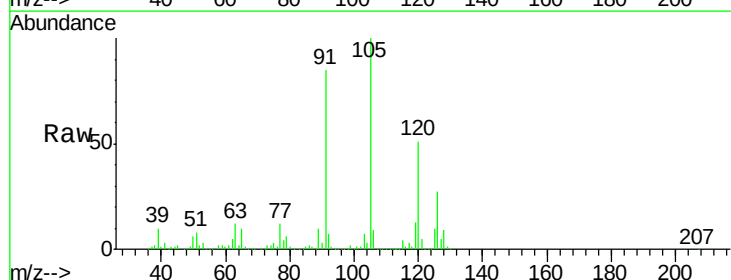
Acq: 12 Jun 2019 09:46

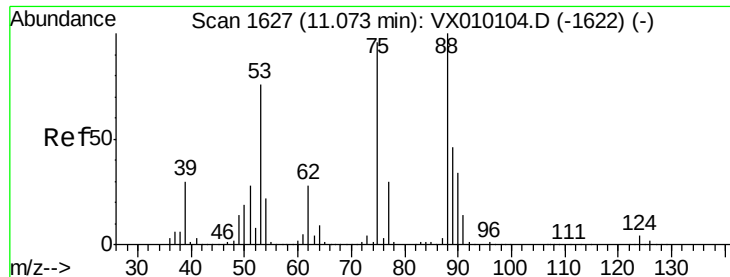
Tgt Ion: 105 Resp: 659037

Ion Ratio Lower Upper

105 100

120 50.5 24.1 72.3





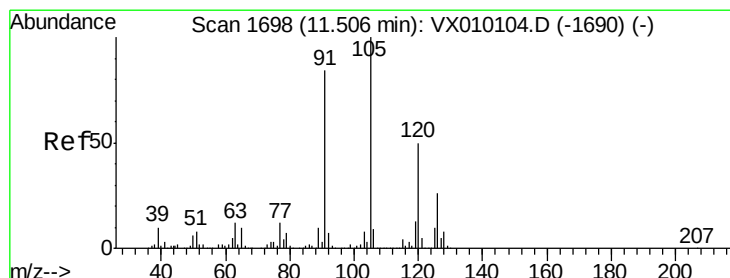
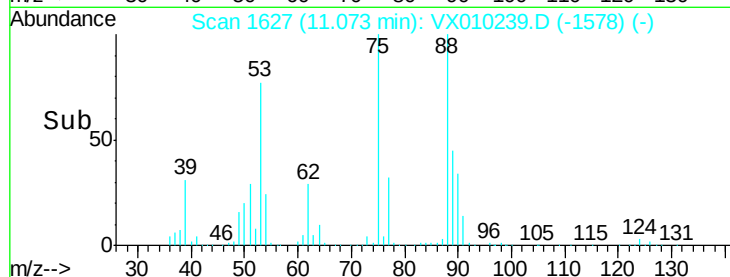
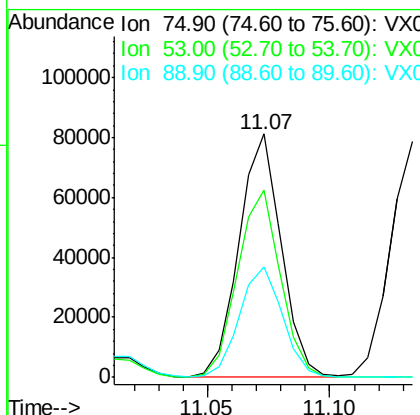
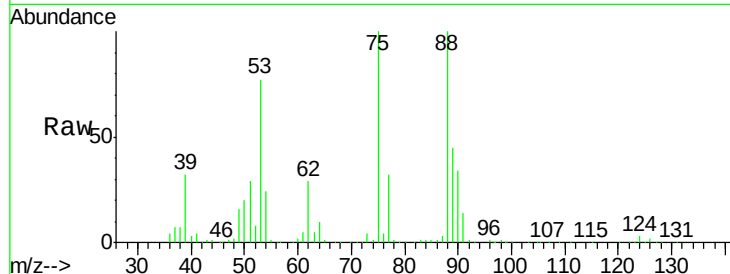
#81
trans-1,4-Dichloro-2-butene
Concen: 46.796 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	77.9	79.8	119.6#
89	46.7	34.2	51.4

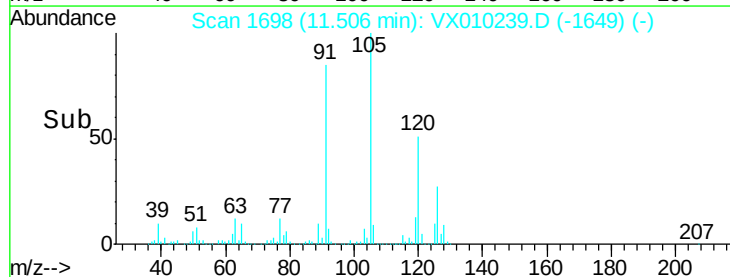
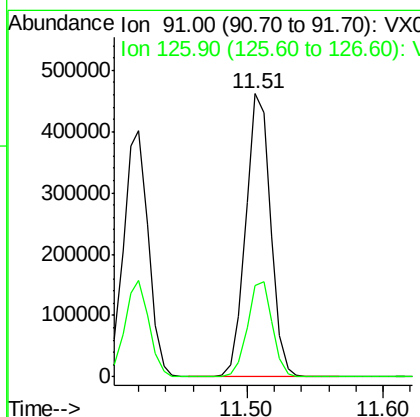
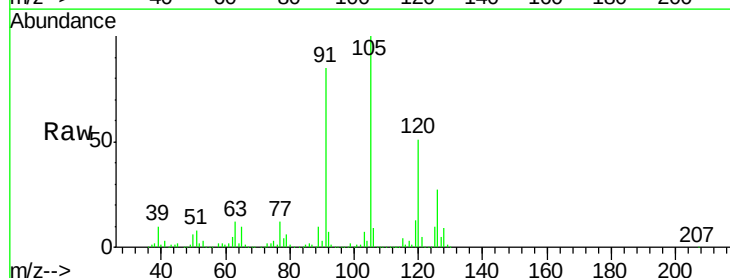
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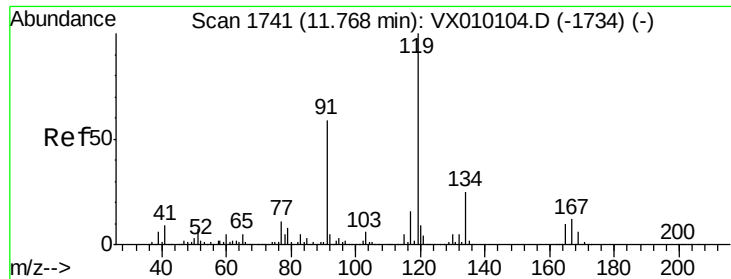
MMDadoda
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#82
4-Chlorotoluene
Concen: 48.476 ug/l
RT: 11.51 min Scan# 1698
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.6	14.2	42.6





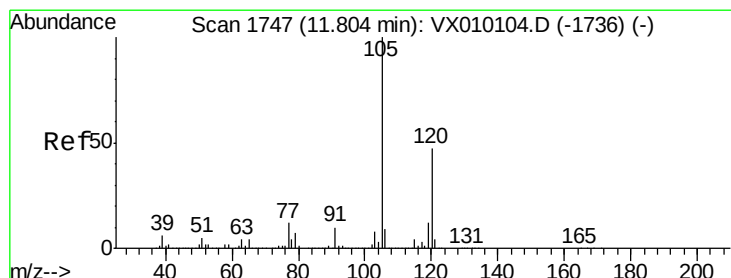
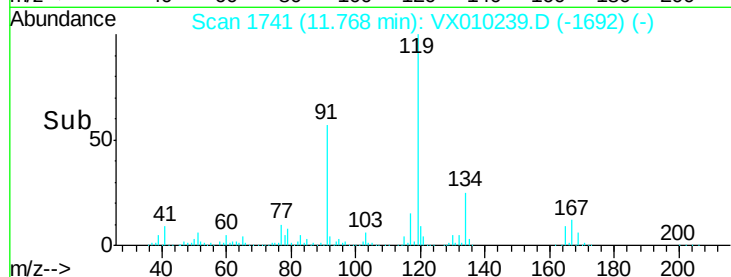
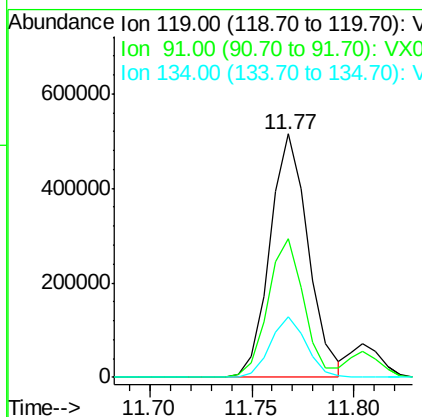
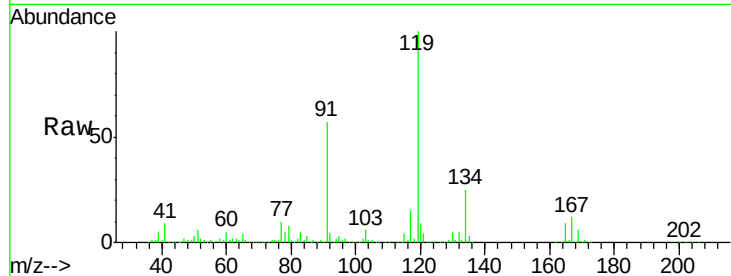
#83
 tert-Butylbenzene
 Concen: 49.348 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
119	100	673790		
91	54.1	30.0	90.0	
134	23.4	11.2	33.5	

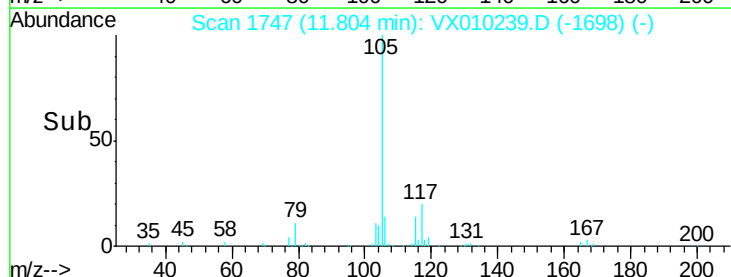
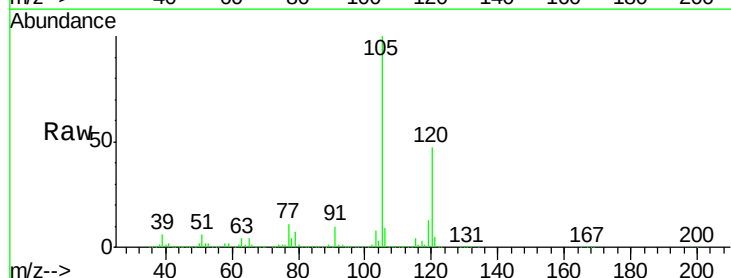
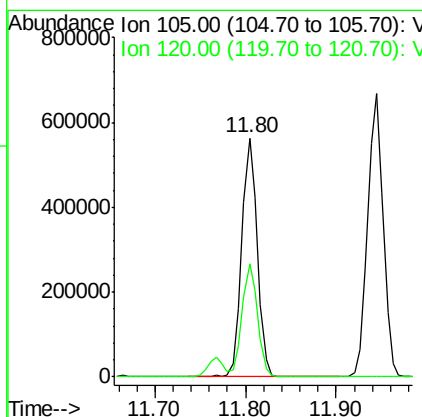
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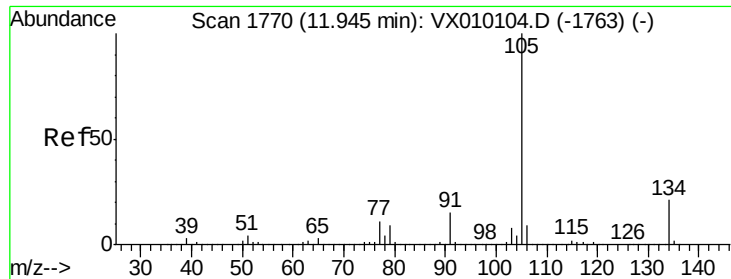
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#84
 1,2,4-Trimethylbenzene
 Concen: 49.052 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	668394		
120	47.1	22.1	66.1	





#85

sec-Butylbenzene

Concen: 49.911 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 793948

Ion Ratio Lower Upper

105 100

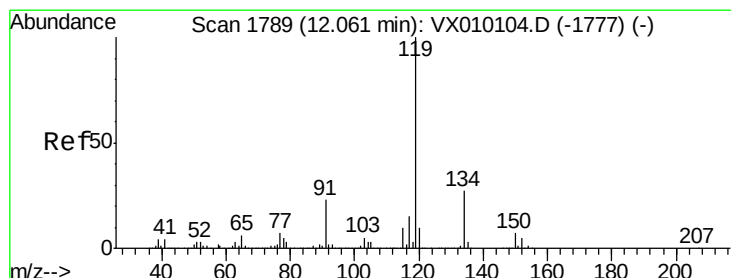
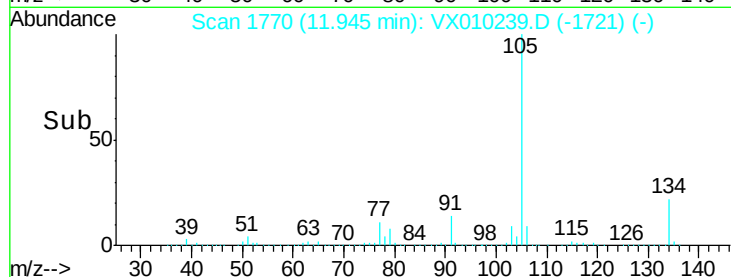
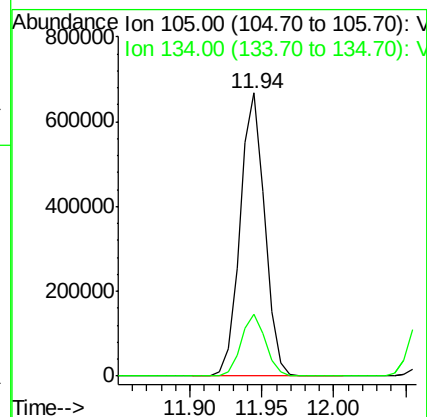
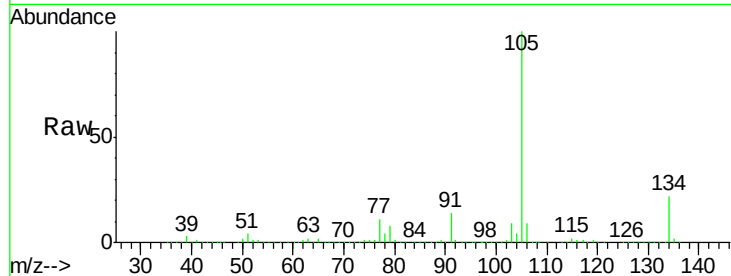
134 21.6 9.7 28.9

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#86

p-Isopropyltoluene

Concen: 50.604 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

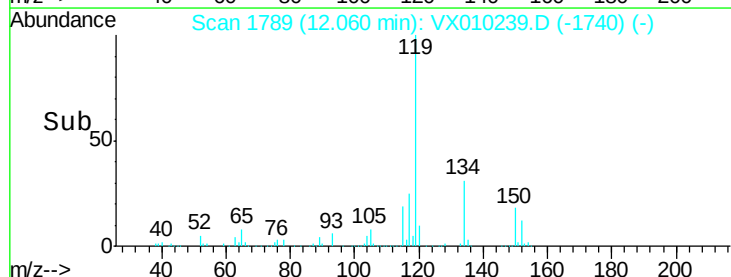
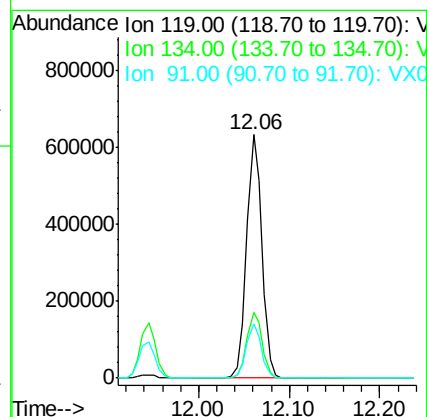
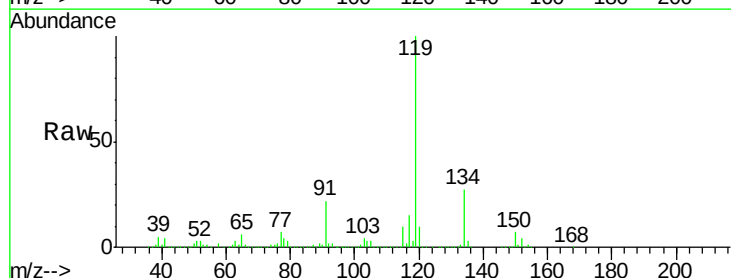
Tgt Ion:119 Resp: 735896

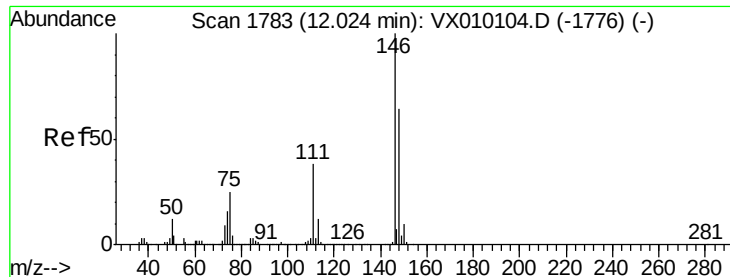
Ion Ratio Lower Upper

119 100

134 27.5 12.9 38.6

91 21.9 11.9 35.9





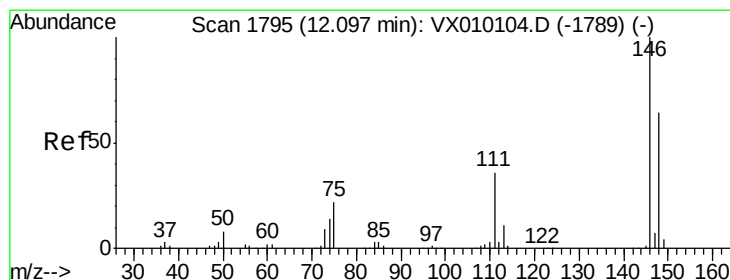
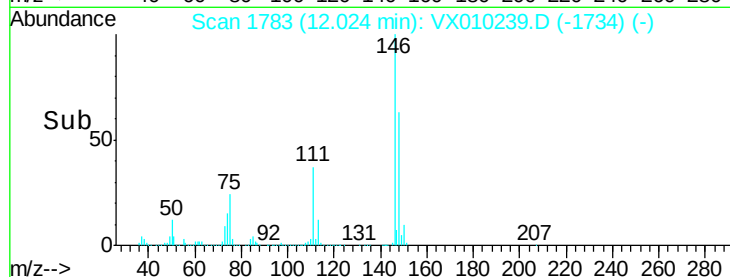
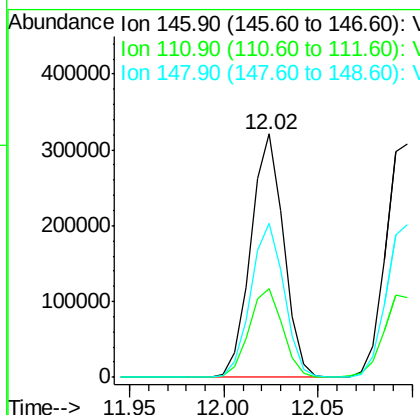
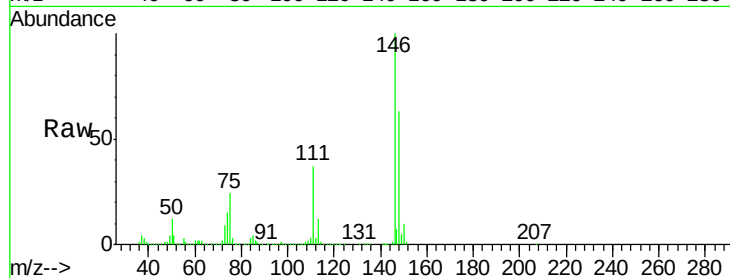
#87
 1,3-Dichlorobenzene
 Concen: 49.971 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.1	60.2
148	64.2	31.9	95.5

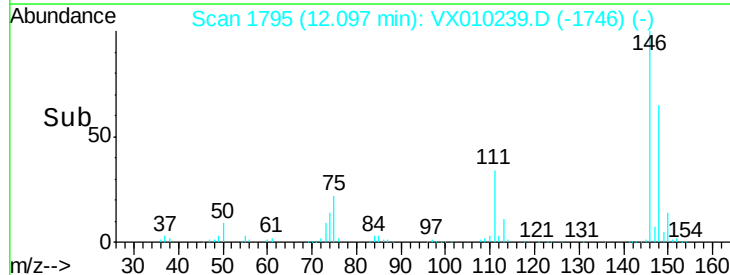
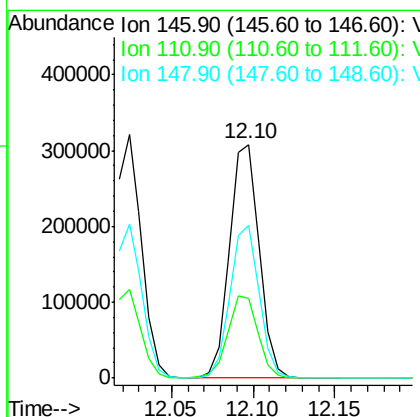
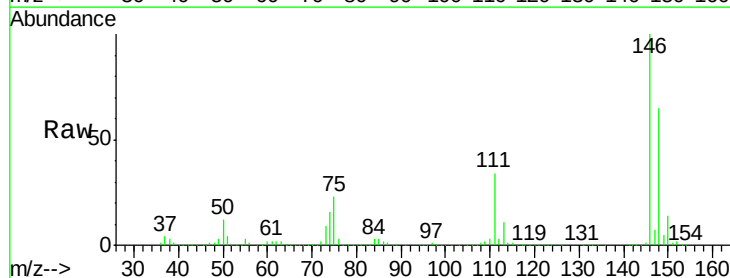
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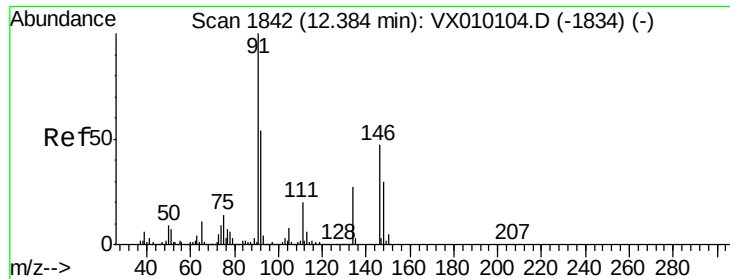
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#88
 1,4-Dichlorobenzene
 Concen: 49.574 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.9	20.0	59.9
148	64.3	32.3	96.9





#89

n-Butylbenzene

Concen: 51.179 ug/l

RT: 12.38 min Scan# 1842

Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Instrument :

MSVOA_X

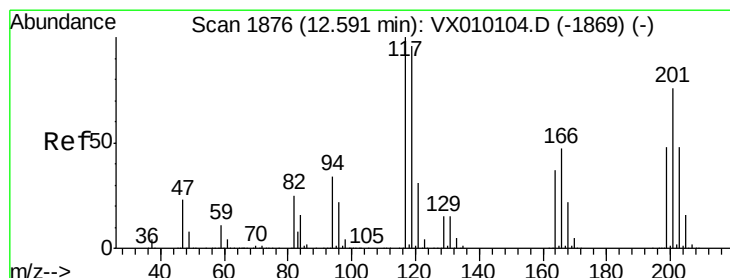
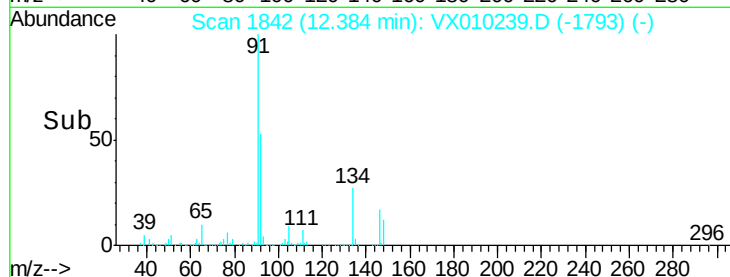
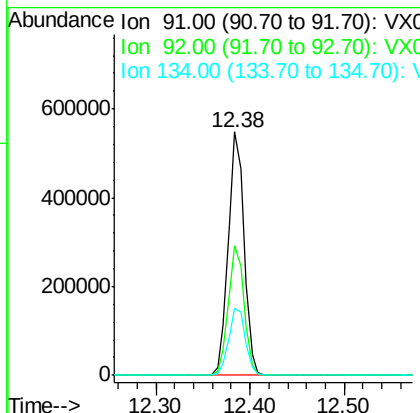
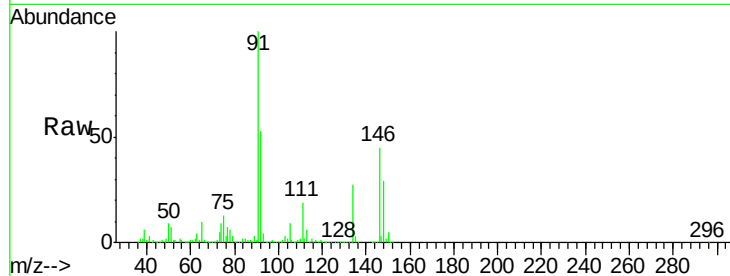
ClientSampleId :

VSTDCCC050

Tot Ion:	91	Resp:	640644
Ion	Ratio	Lower	Upper
91	100		
92	53.4	26.3	78.8
134	28.7	12.3	36.8

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#90

Hexachloroethane

Concen: 47.899 ug/l

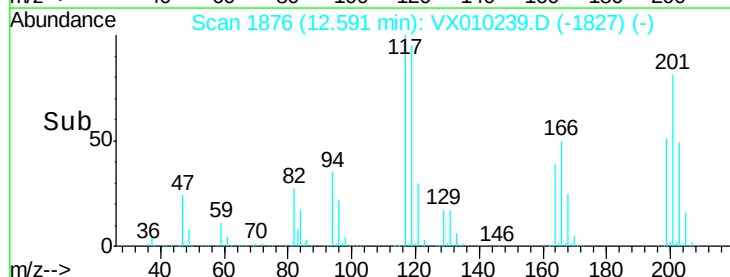
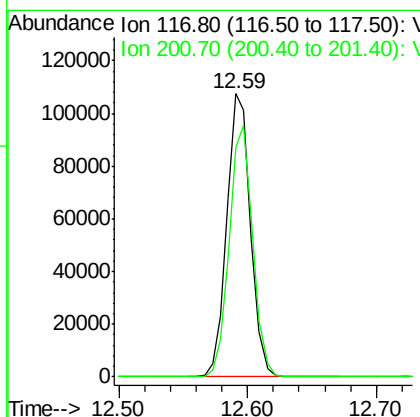
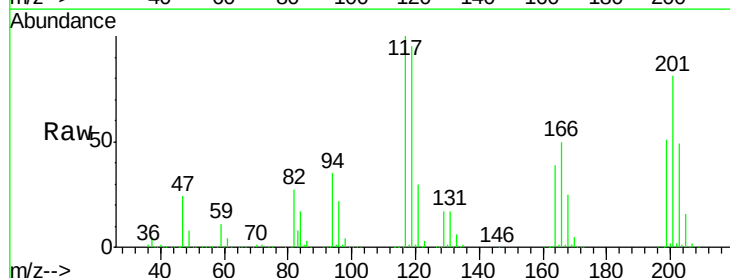
RT: 12.59 min Scan# 1876

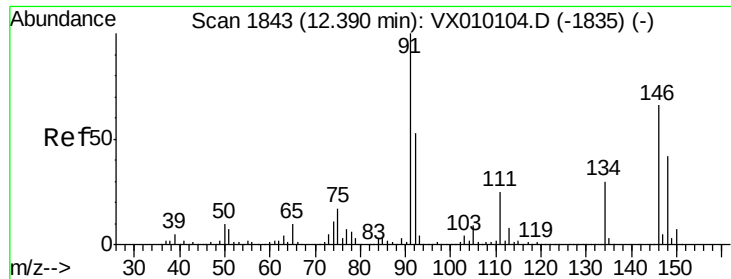
Delta R.T. -0.00 min

Lab File: VX010239.D

Acq: 12 Jun 2019 09:46

Tgt Ion:	117	Resp:	138756
Ion	Ratio	Lower	Upper
117	100		
201	87.9	43.6	130.9





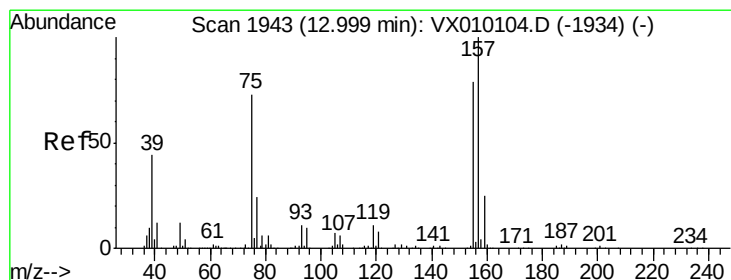
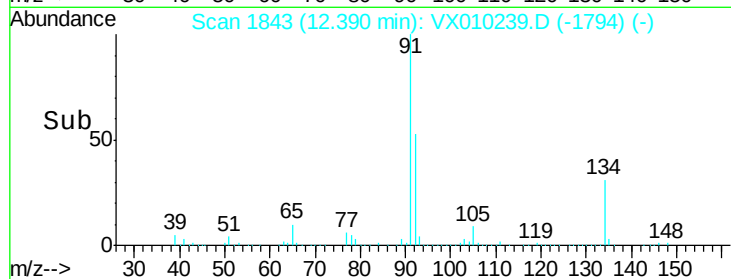
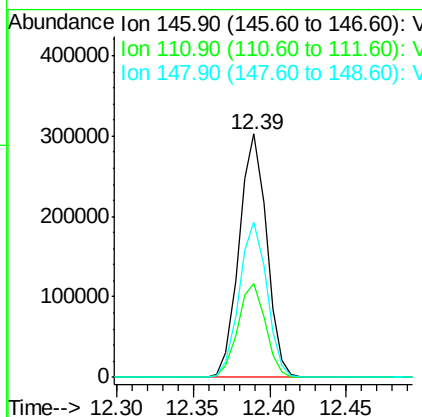
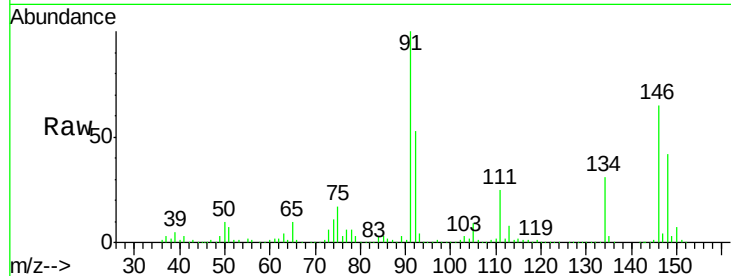
#91
 1,2-Dichlorobenzene
 Concen: 50.084 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	21.1	63.1
148	64.3	32.3	96.8

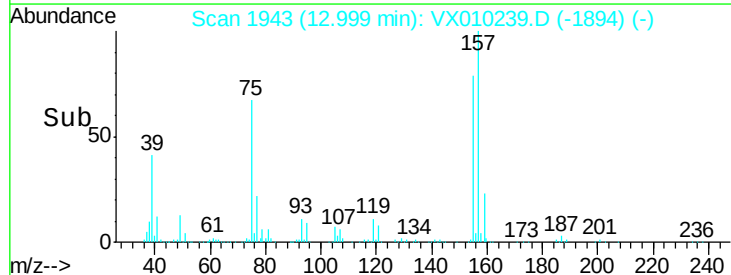
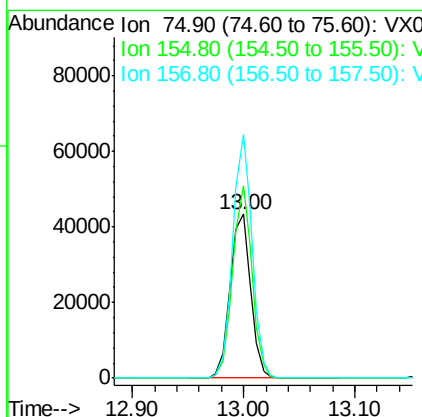
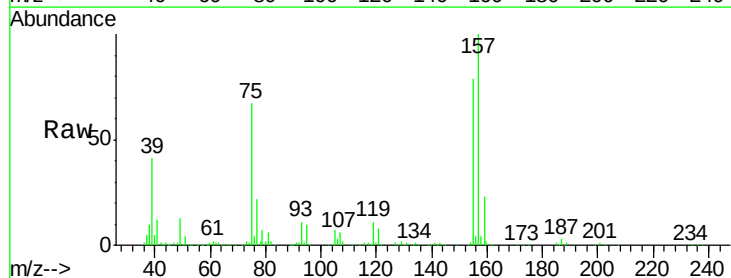
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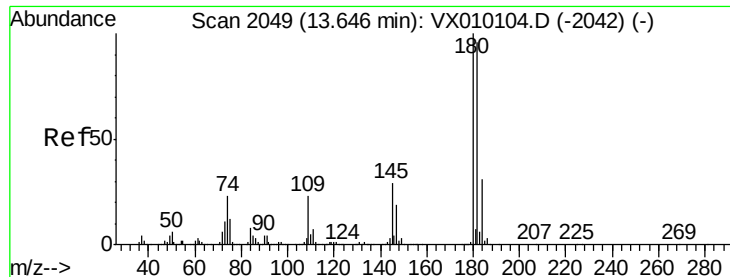
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 42.865 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
75	100		
155	110.5	39.3	117.8
157	140.8	50.6	151.8





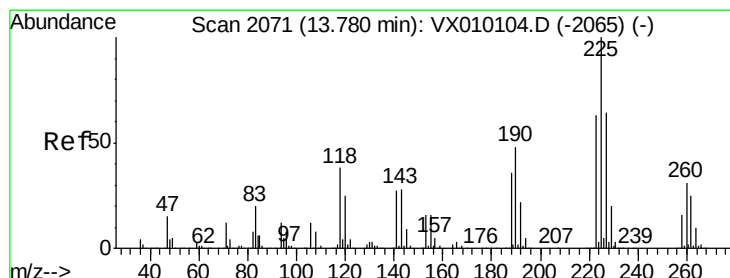
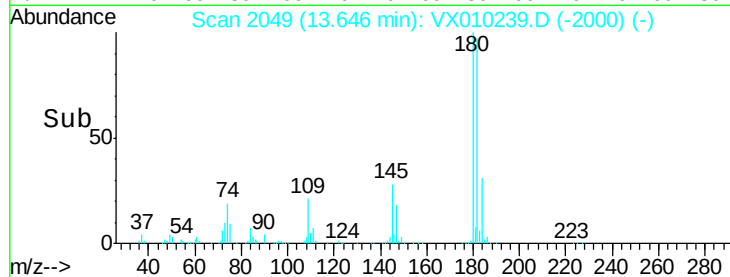
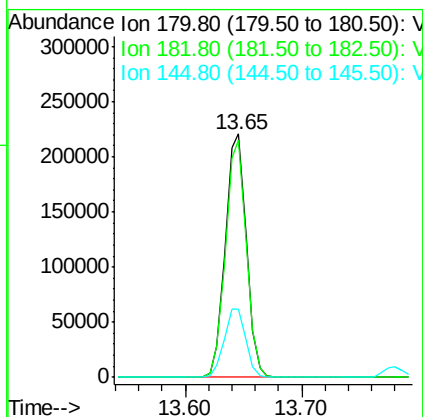
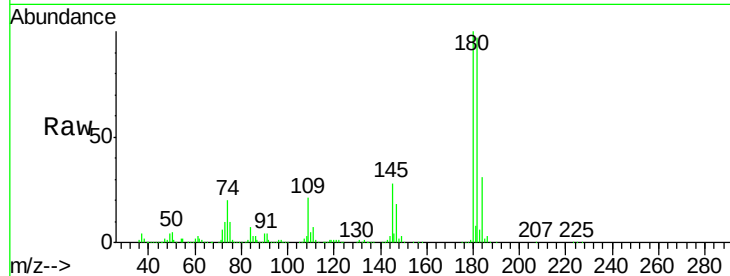
#93
 1,2,4-Trichlorobenzene
 Concen: 49.928 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	275644		
182	96.3	47.4	142.2	
145	28.7	14.5	43.5	

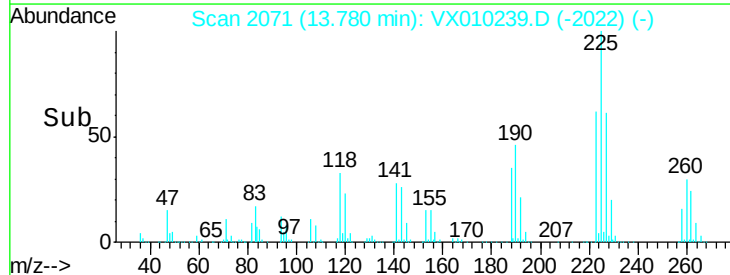
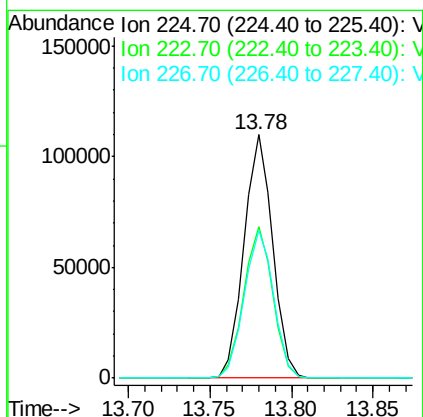
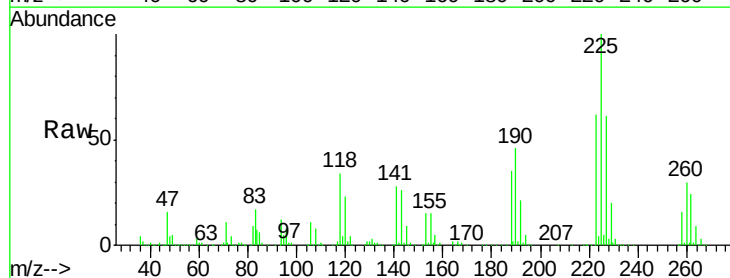
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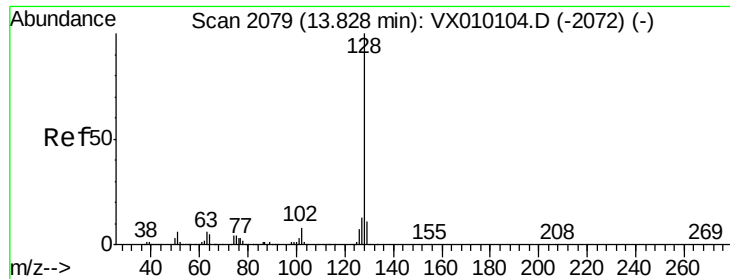
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#94
 Hexachlorobutadiene
 Concen: 54.833 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX010239.D
 Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	134631		
223	63.0	31.3	93.8	
227	62.2	32.3	96.8	





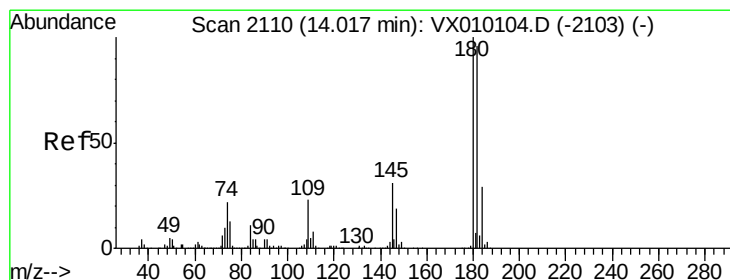
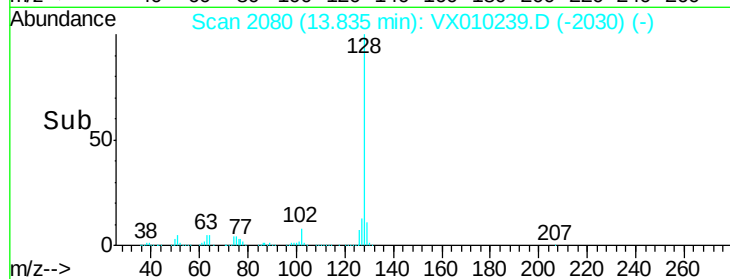
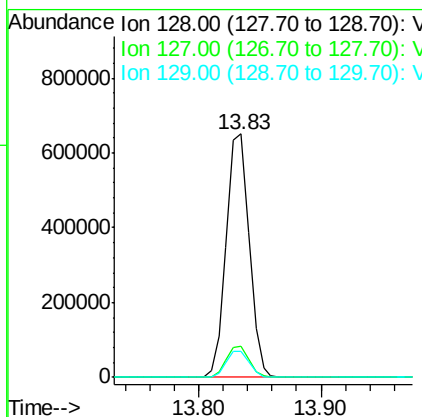
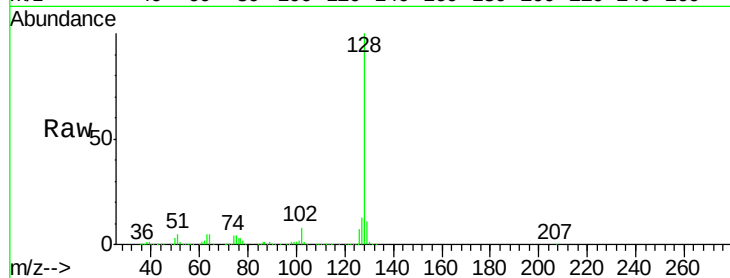
#95
Naphthalene
Concen: 48.706 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.01 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	16.0
129	11.0	8.8	13.2

Manual Integrations
APPROVED

MMDadoda
6/13/2019 9:17:27 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.196 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX010239.D
Acq: 12 Jun 2019 09:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	47.3	142.0
145	30.6	15.6	46.7

