

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006884.D
 Acq On : 03 Jan 2019 10:15
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:15 AM

Quant Time: Jan 04 00:35:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	590461	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	830403	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	752046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	401960	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	328953	51.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.38%	
35) Dibromofluoromethane	5.50	113	304887	58.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.12%	
50) Toluene-d8	8.71	98	1117678	56.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.92%	
62) 4-Bromofluorobenzene	11.13	95	403384	55.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	236583	43.798	ug/l	97
3) Chloromethane	1.33	50	252899	43.457	ug/l	99
4) Vinyl Chloride	1.41	62	272673	44.863	ug/l	99
5) Bromomethane	1.64	94	270250	47.553	ug/l	99
6) Chloroethane	1.71	64	194679	46.259	ug/l	97
7) Trichlorofluoromethane	1.92	101	460138	48.558	ug/l	100
8) Diethyl Ether	2.19	74	184531	49.029	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	288428	51.840	ug/l	99
10) Methyl Iodide	2.51	142	416461	52.290	ug/l	100
11) Tert butyl alcohol	3.08	59	327436	230.554	ug/l	100
12) 1,1-Dichloroethene	2.37	96	255185	48.371	ug/l	97
13) Acrolein	2.30	56	223777	233.567	ug/l	98
14) Allyl chloride	2.73	41	451502	50.844	ug/l	99
15) Acrylonitrile	3.15	53	804662	255.180	ug/l	100
16) Acetone	2.45	43	806512	275.853	ug/l	100
17) Carbon Disulfide	2.57	76	572225	40.987	ug/l	100
18) Methyl Acetate	2.78	43	476122	55.382	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	942512	53.828	ug/l	100
20) Methylene Chloride	2.85	84	297028	49.130	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	272336	46.590	ug/l	96
22) Diisopropyl ether	3.87	45	881793	54.279	ug/l	98
23) Vinyl Acetate	3.82	43	3626631	272.918	ug/l	99
24) 1,1-Dichloroethane	3.70	63	511433	52.737	ug/l	98
25) 2-Butanone	4.70	43	1077669	262.044	ug/l	99
26) 2,2-Dichloropropane	4.58	77	403945	53.922	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	321302	49.820	ug/l	97
28) Bromochloromethane	5.01	49	220407	54.065	ug/l	97
29) Tetrahydrofuran	5.15	42	670250	247.447	ug/l	98
30) Chloroform	5.21	83	513320	51.114	ug/l	98
31) Cyclohexane	5.57	56	411951	46.758	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	449446	53.002	ug/l	99
36) 1,1-Dichloropropene	5.80	75	366038	53.221	ug/l	98
37) Ethyl Acetate	4.85	43	398960	55.733	ug/l	99
38) Carbon Tetrachloride	5.78	117	391380	58.555	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	457931	50.574	ug/l	95
40) Benzene	6.14	78	1120135	53.580	ug/l	99
41) Methacrylonitrile	5.06	41	224945	59.188	ug/l	99
42) 1,2-Dichloroethane	6.20	62	387310	54.369	ug/l	99
43) Isopropyl Acetate	6.46	43	666767	61.217	ug/l	98
44) Trichloroethene	7.21	130	338196	53.448	ug/l	95
45) 1,2-Dichloropropane	7.51	63	292174	57.431	ug/l	99
46) Dibromomethane	7.66	93	204993	54.781	ug/l	97
47) Bromodichloromethane	7.90	83	375974	60.517	ug/l	97
48) Methyl methacrylate	7.77	41	333931	60.289	ug/l	97
49) 1,4-Dioxane	7.75	88	137650	948.819	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1997103	288.177	ug/l	99
52) Toluene	8.78	92	735901	54.487	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	428861	64.364	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	465640	63.690	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	313051	56.627	ug/l	98
56) Ethyl methacrylate	9.18	69	457857	58.598	ug/l	96
57) 1,3-Dichloropropane	9.37	76	500137	56.231	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1276439	307.325	ug/l	99
59) 2-Hexanone	9.49	43	1587338	299.364	ug/l	98
60) Dibromochloromethane	9.58	129	334677	57.517	ug/l	99
61) 1,2-Dibromoethane	9.67	107	335910	57.160	ug/l	100
64) Tetrachloroethene	9.34	164	335458	56.332	ug/l	96
65) Chlorobenzene	10.14	112	866220	54.444	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	320523	64.570	ug/l	99
67) Ethyl Benzene	10.25	91	1446937	55.655	ug/l	97
68) m/p-Xylenes	10.36	106	1147923	111.896	ug/l	100
69) o-Xylene	10.69	106	556462	54.930	ug/l	96
70) Styrene	10.71	104	916610	57.192	ug/l	99
71) Bromoform	10.86	173	253837	56.094	ug/l	98
73) Isopropylbenzene	11.02	105	1488364	54.124	ug/l	99
74) N-amyl acetate	10.90	43	598899	60.845	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	460365	56.292	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	426680m	57.118	ug/l	
77) Bromobenzene	11.26	156	404146	54.361	ug/l	99
78) n-propylbenzene	11.36	91	1682587	55.564	ug/l	99
79) 2-Chlorotoluene	11.42	91	968930	52.800	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1244091	54.927	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	135478	54.753	ug/l	98
82) 4-Chlorotoluene	11.51	91	1148434	54.558	ug/l	99
83) tert-Butylbenzene	11.77	119	1269087	55.983	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1260264	52.899	ug/l	99
85) sec-Butylbenzene	11.94	105	1499543	53.953	ug/l	100
86) p-Isopropyltoluene	12.06	119	1356184	55.510	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	731546	54.598	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	732852	53.354	ug/l	100
89) n-Butylbenzene	12.38	91	1176138	56.566	ug/l	99
90) Hexachloroethane	12.60	117	215646	55.976	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	730673	54.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	96605	57.089	ug/l	100

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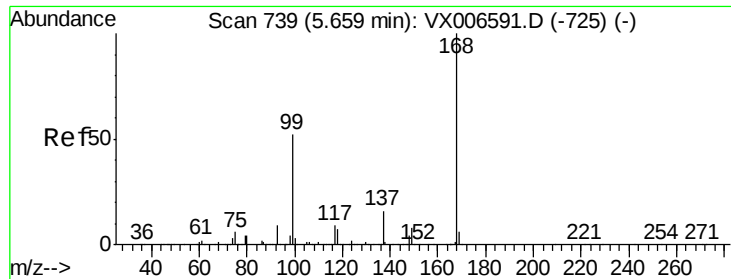
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	523141	56.583	ug/l	99
94) Hexachlorobutadiene	13.78	225	226211	51.909	ug/l	100
95) Naphthalene	13.83	128	1525047	51.681	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	513804	53.824	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 590461

Ion Ratio Lower Upper

168 100

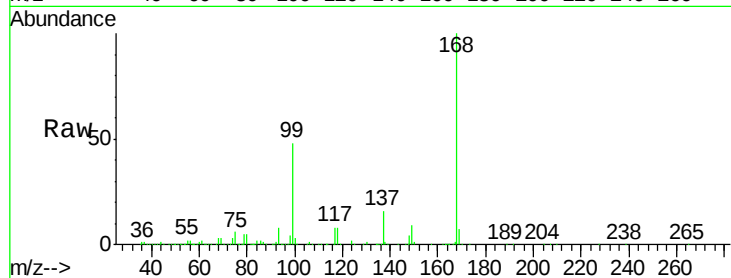
99 47.8 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

250000

200000

150000

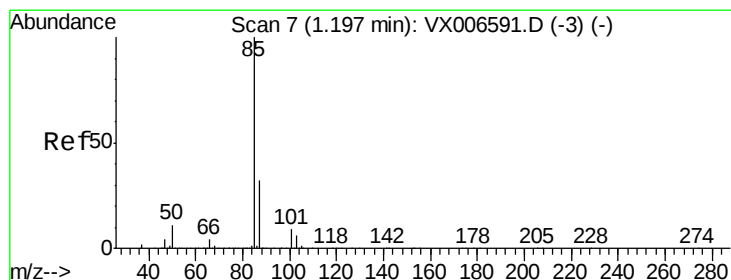
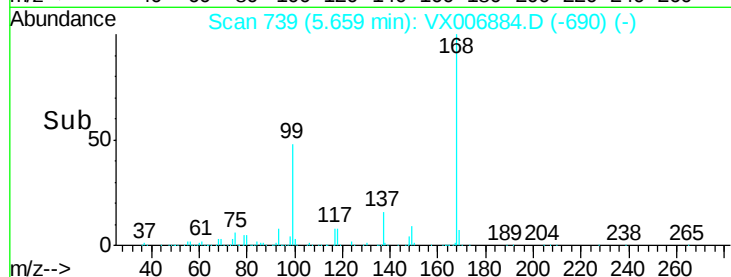
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 43.798 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006884.D

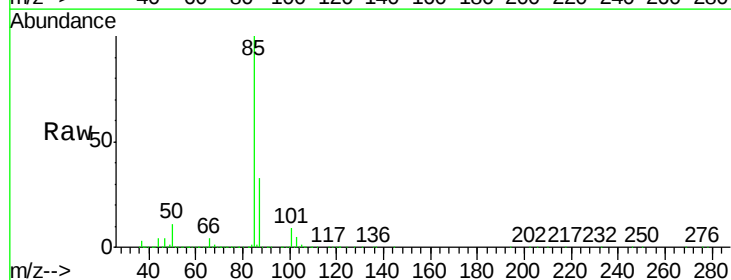
Acq: 03 Jan 2019 10:15

Tgt Ion: 85 Resp: 236583

Ion Ratio Lower Upper

85 100

87 33.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

250000

200000

150000

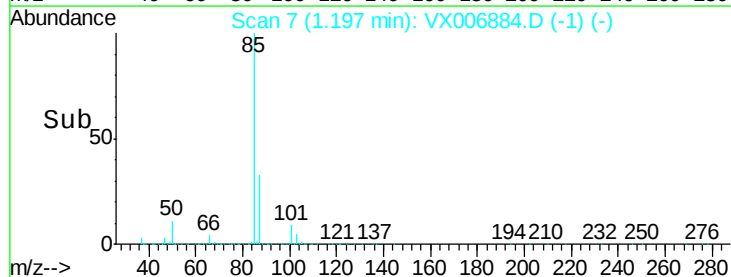
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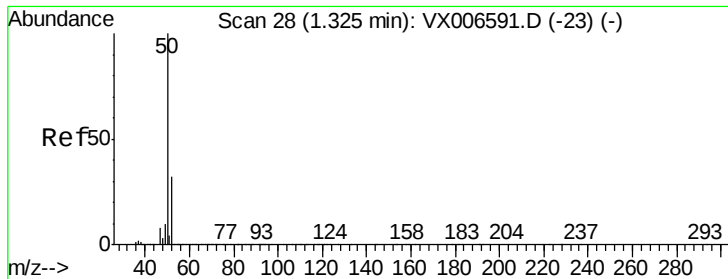
50000

0

1.10 1.20 1.30

Time-->





#3

Chloromethane

Concen: 43.457 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 252899

Ion Ratio Lower Upper

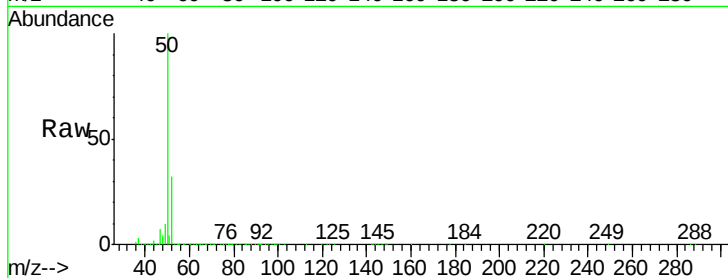
50 100

52 32.4 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

250000

200000

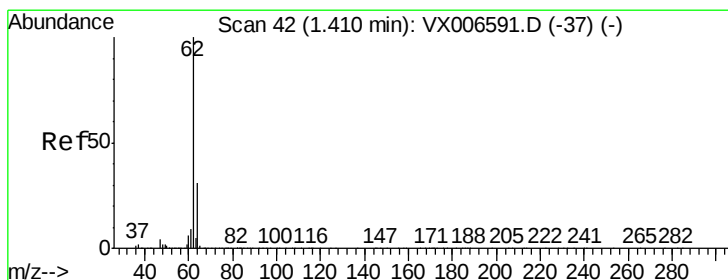
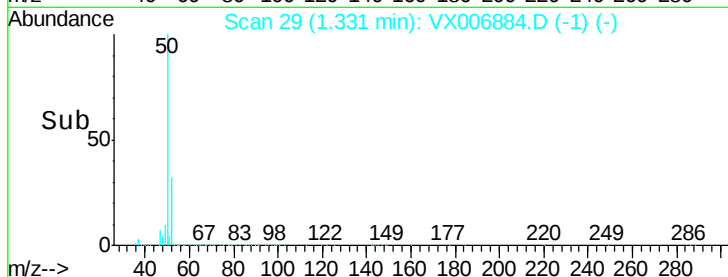
150000

100000

50000

0

Time--> 1.25 1.30 1.35 1.40



#4

Vinyl Chloride

Concen: 44.863 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006884.D

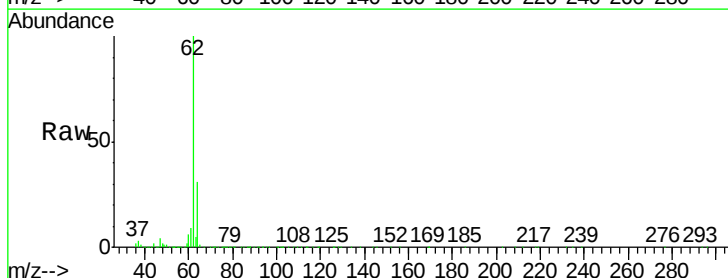
Acq: 03 Jan 2019 10:15

Tgt Ion: 62 Resp: 272673

Ion Ratio Lower Upper

62 100

64 31.1 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

300000

250000

200000

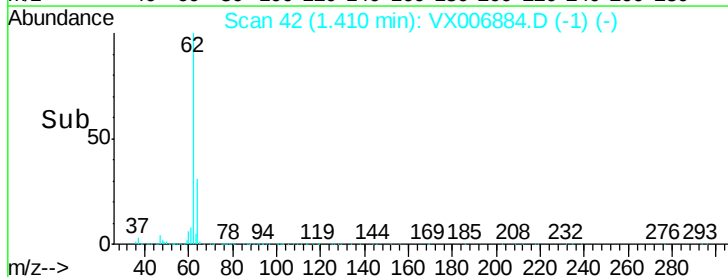
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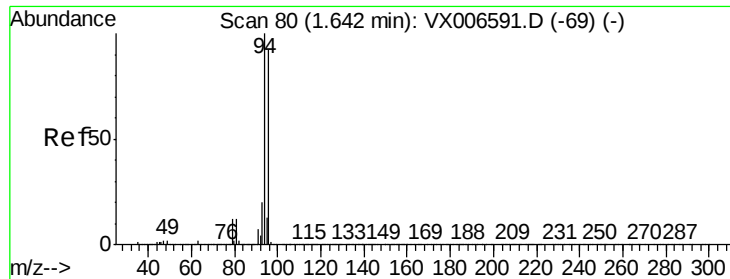
100000

50000

0

Time--> 1.35 1.40 1.45 1.50





#5

Bromomethane

Concen: 47.553 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 270250

Ion Ratio Lower Upper

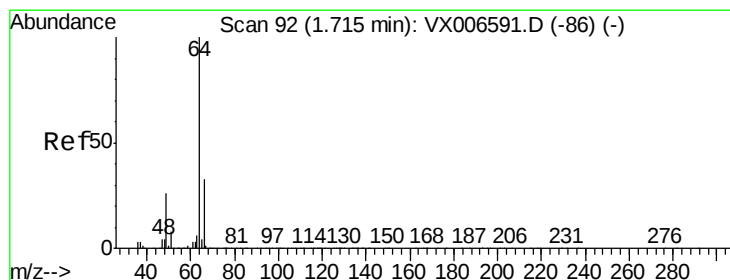
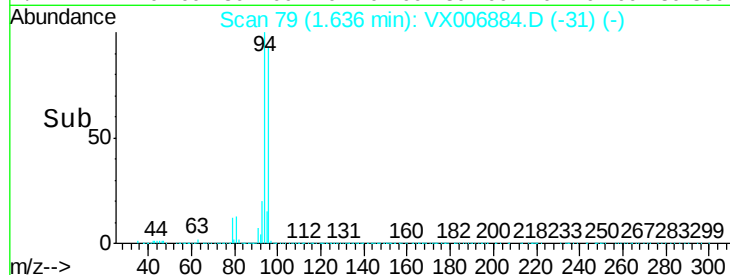
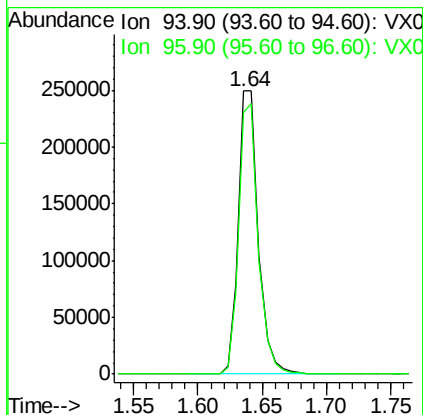
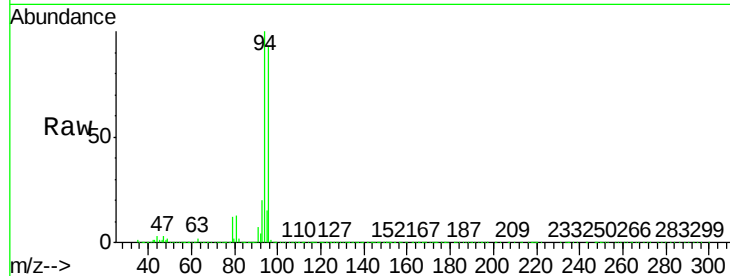
94 100

96 92.6 73.4 110.2

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#6

Chloroethane

Concen: 46.259 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006884.D

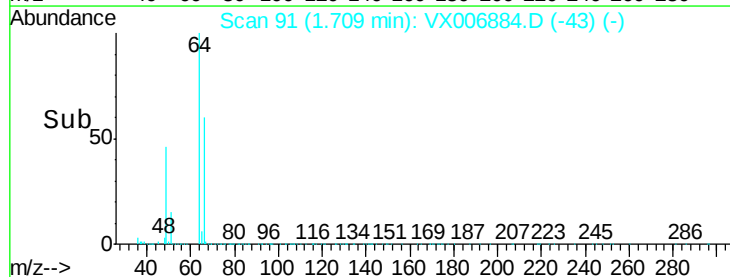
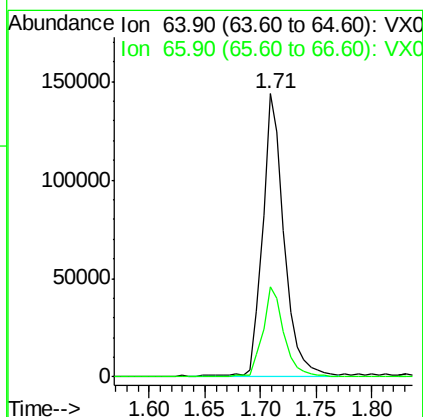
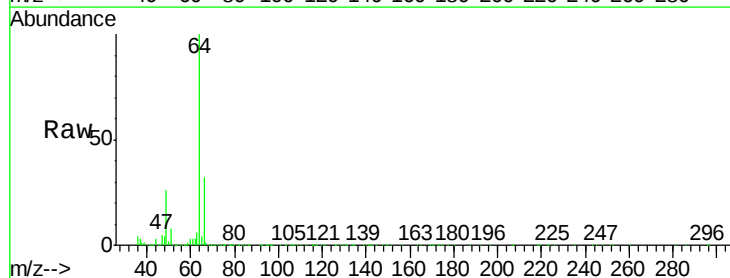
Acq: 03 Jan 2019 10:15

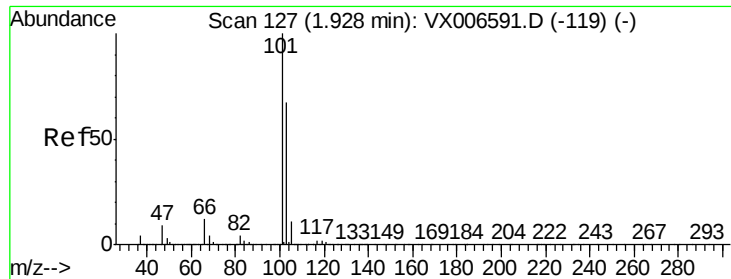
Tgt Ion: 64 Resp: 194679

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6





#7

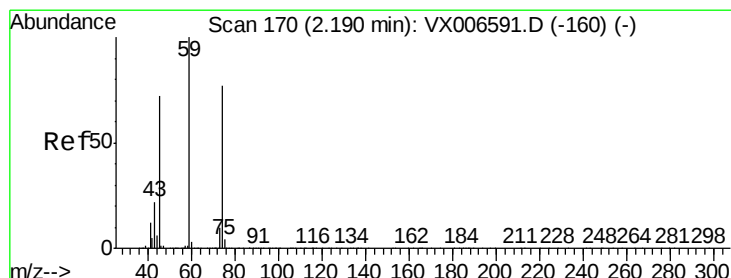
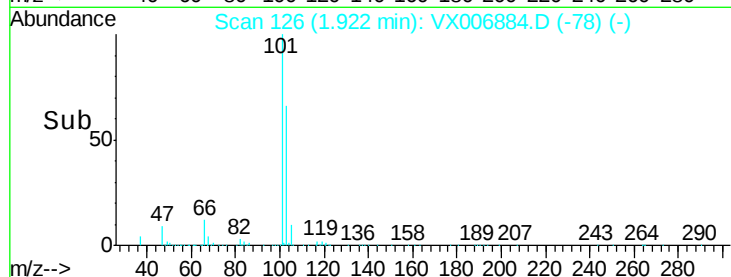
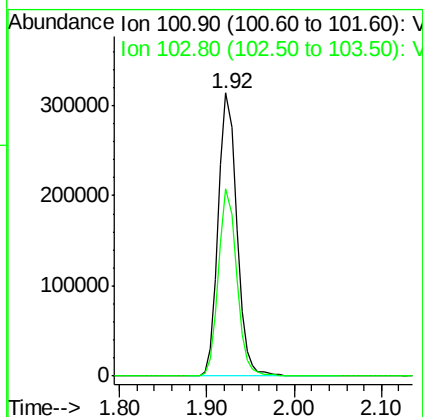
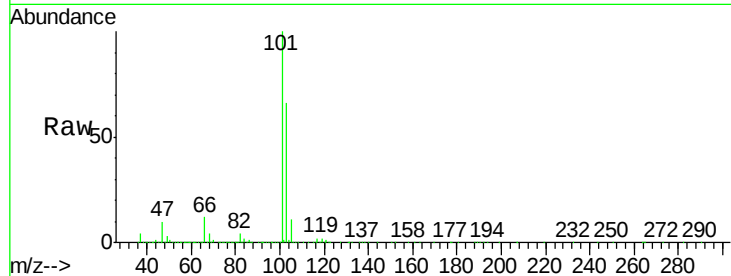
Trichlorofluoromethane
Concen: 48.558 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

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ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	66.2	53.2	79.8

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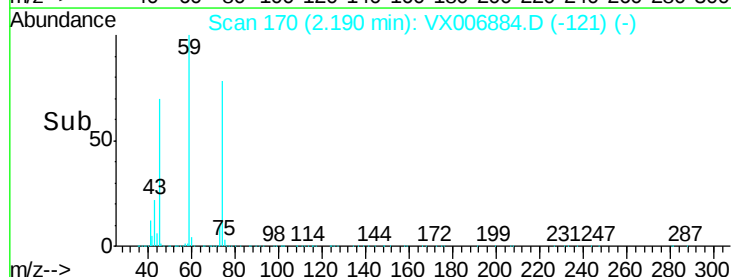
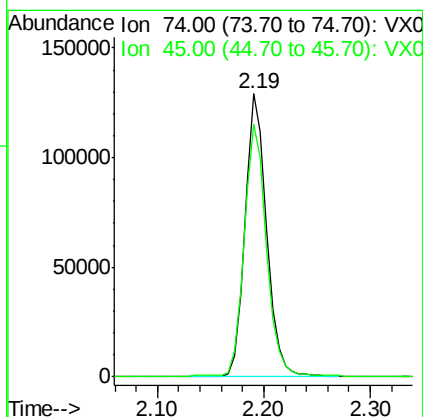
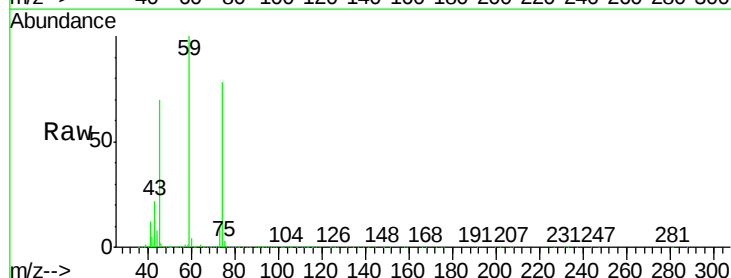
MMDadoda
1/4/2019 10:01:15 AM

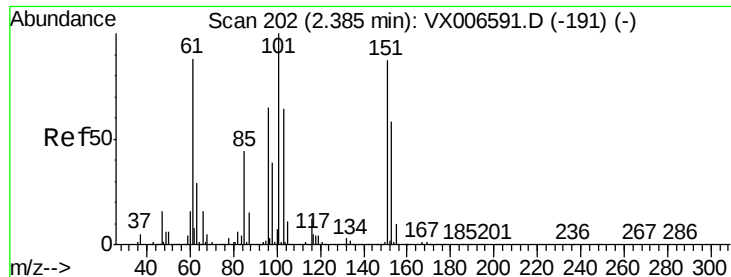


#8

Diethyl Ether
Concen: 49.029 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.2	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.840 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

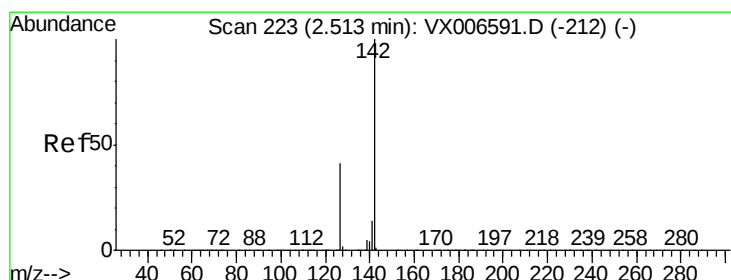
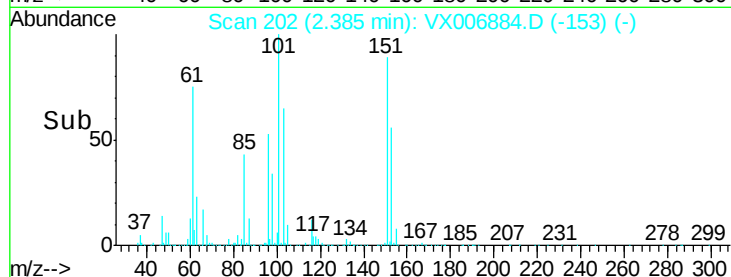
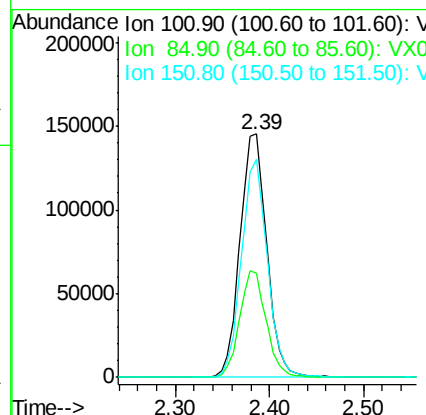
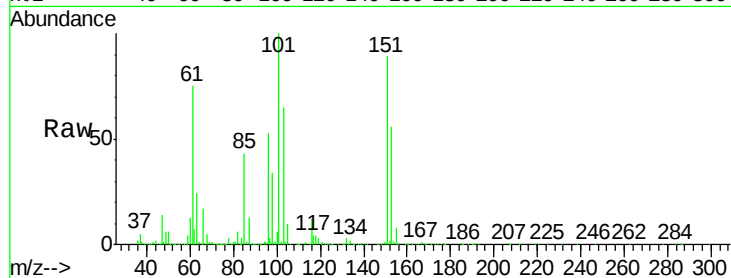
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	288428
Ion Ratio	Lower	Upper	
101	100		
85	43.3	35.1	52.7
151	86.9	68.9	103.3

Manual Integrations
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1/4/2019 10:01:15 AM



#10

Methyl Iodide

Concen: 52.290 ug/l

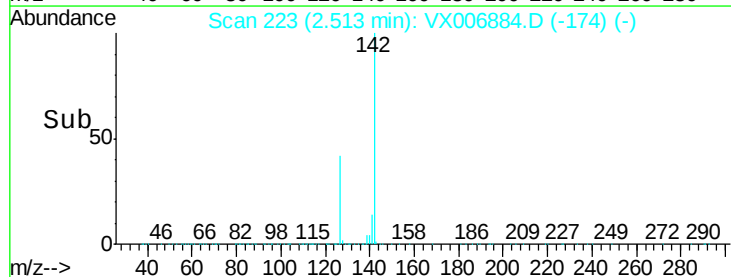
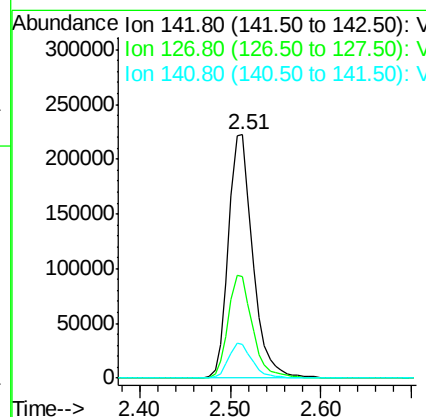
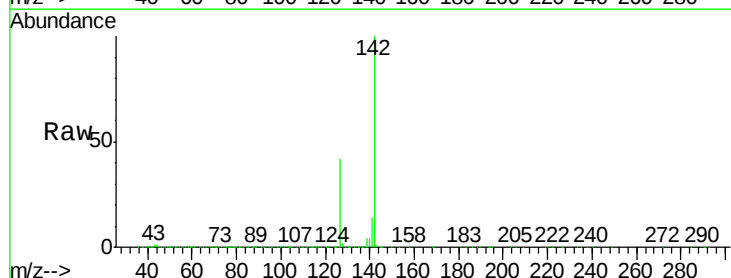
RT: 2.51 min Scan# 223

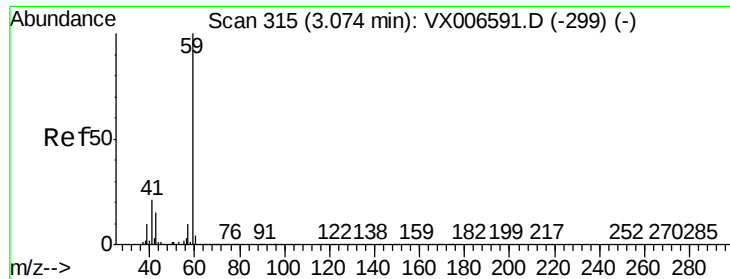
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	142	Resp:	416461
Ion Ratio	Lower	Upper	
142	100		
127	42.5	33.9	50.9
141	13.9	11.4	17.0





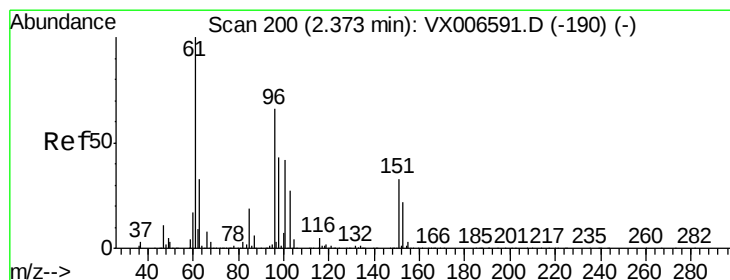
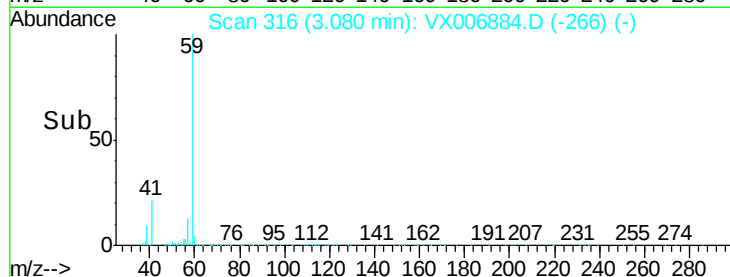
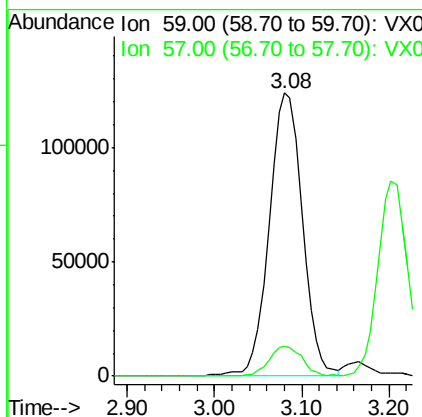
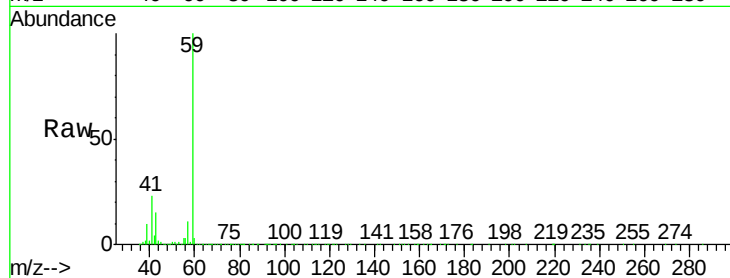
#11
Tert butyl alcohol
Concen: 230.554 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.4	8.5	12.7

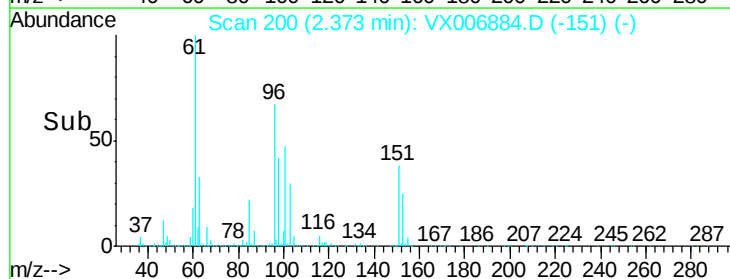
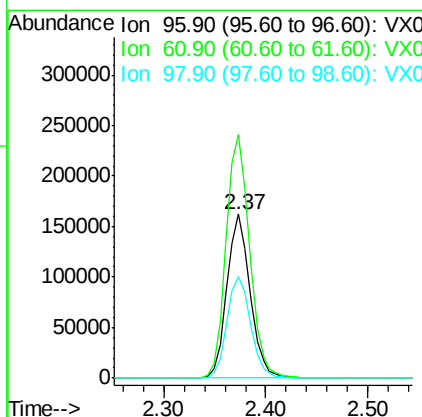
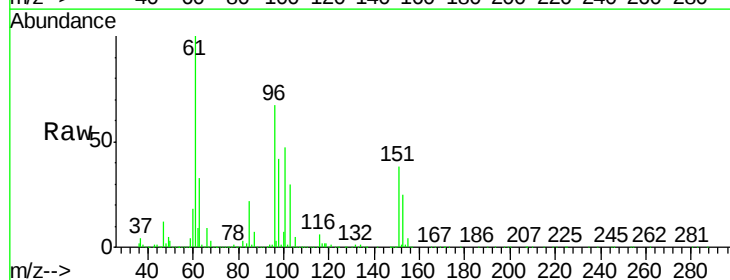
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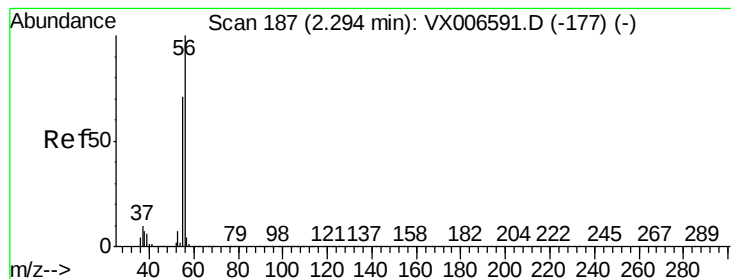
MMDadoda
1/4/2019 10:01:15 AM



#12
1,1-Dichloroethene
Concen: 48.371 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
96	100		
61	148.3	121.4	182.2
98	61.7	51.9	77.9





#13

Acrolein

Concen: 233.567 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 223777

Ion Ratio Lower Upper

56 100

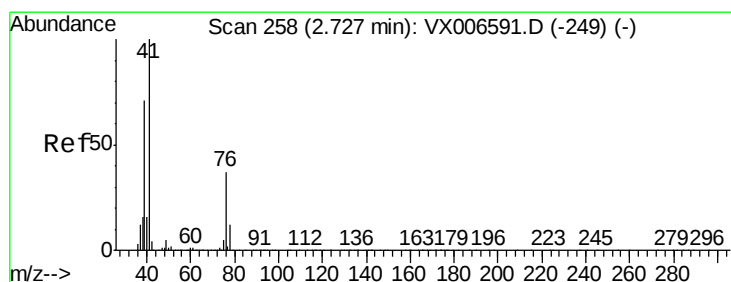
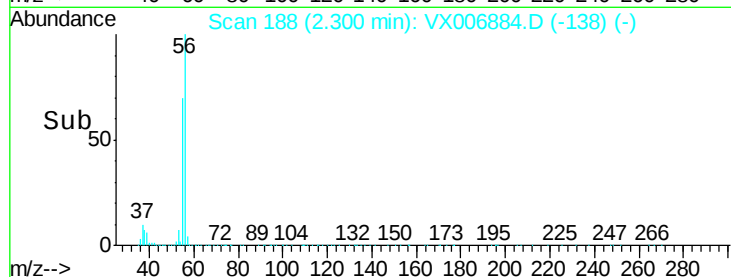
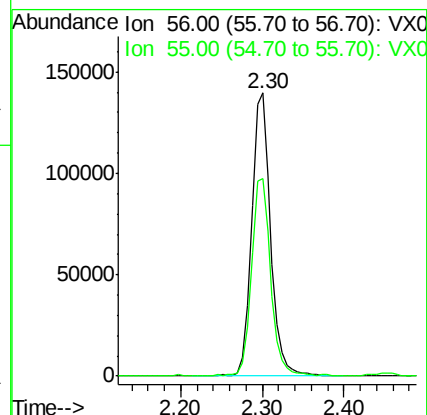
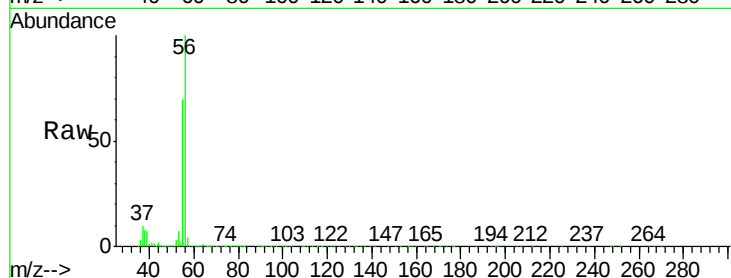
55 71.1 58.2 87.4

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#14

Allyl chloride

Concen: 50.844 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

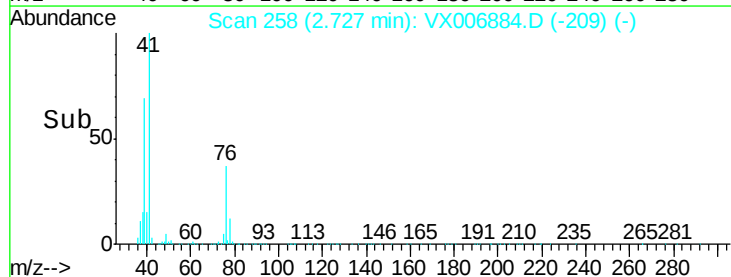
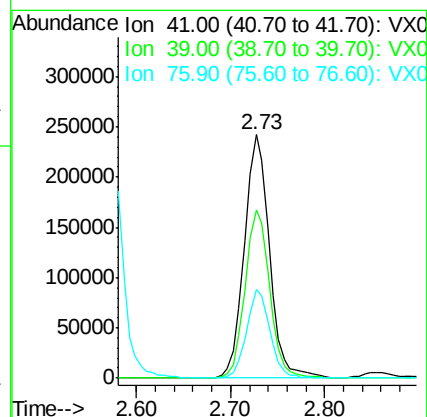
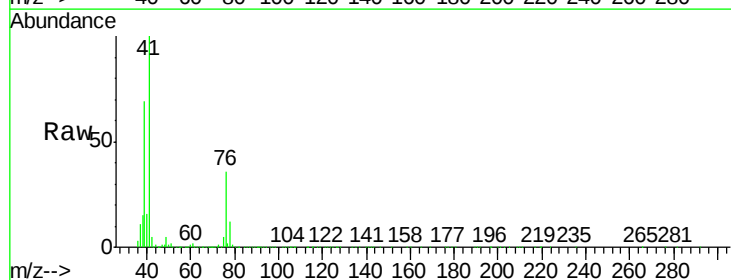
Tgt Ion: 41 Resp: 451502

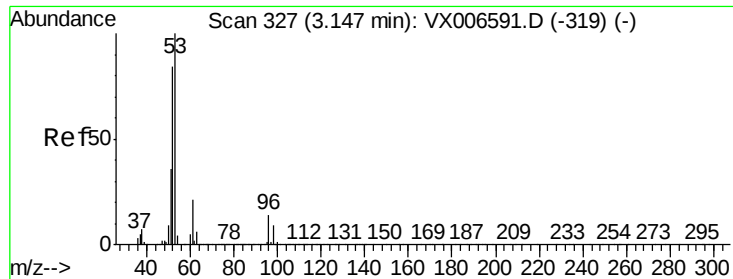
Ion Ratio Lower Upper

41 100

39 67.3 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 255.180 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

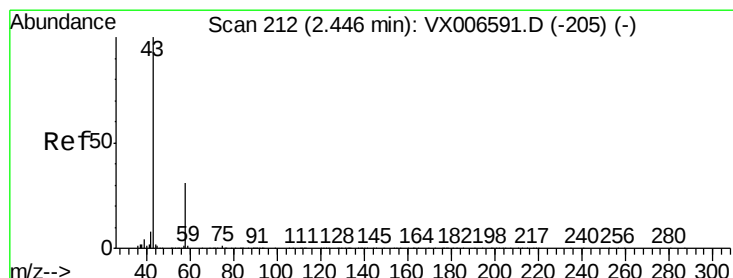
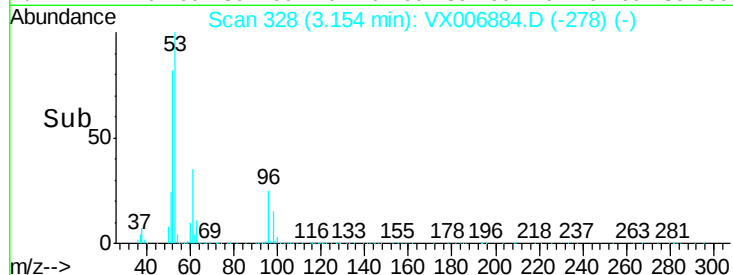
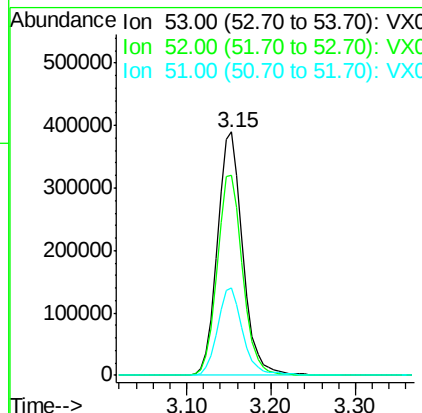
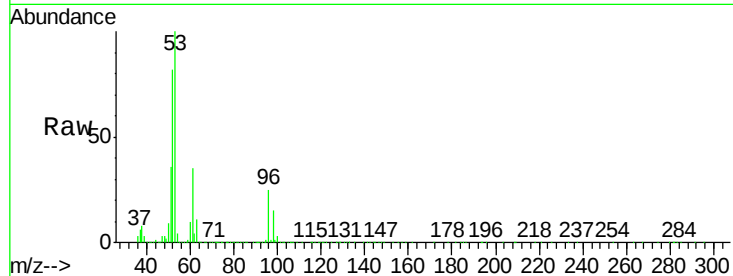
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	804662
Ion Ratio		Lower	Upper
53	100		
52	83.0	66.0	99.0
51	35.8	28.6	42.8

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#16

Acetone

Concen: 275.853 ug/l

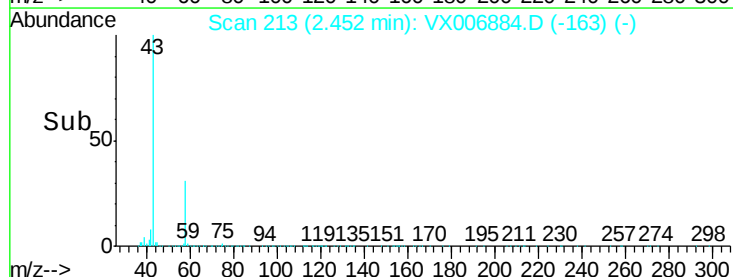
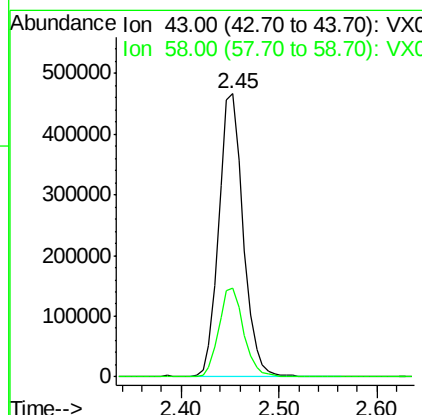
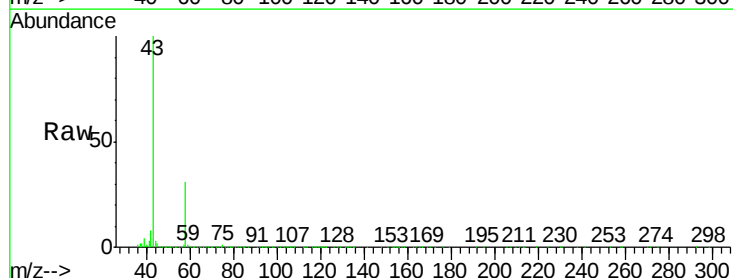
RT: 2.45 min Scan# 213

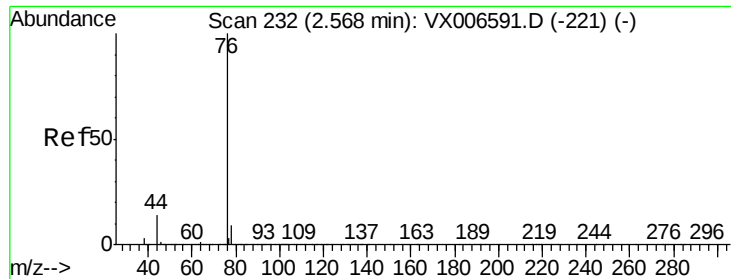
Delta R.T. 0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	43	Resp:	806512
Ion Ratio		Lower	Upper
43	100		
58	31.4	25.0	37.6





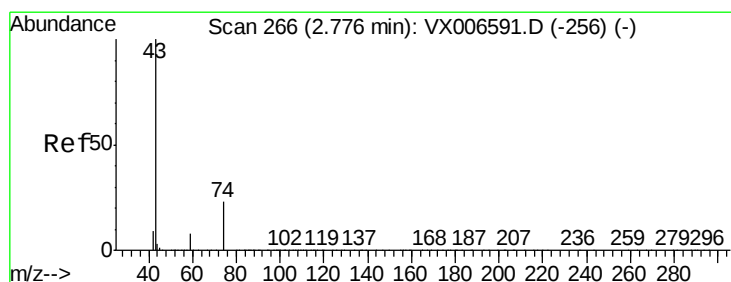
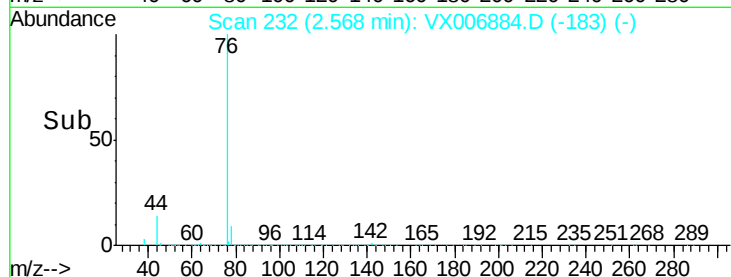
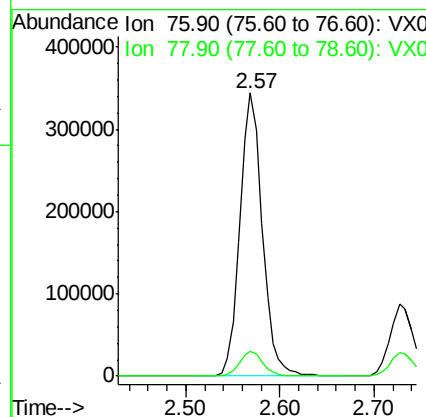
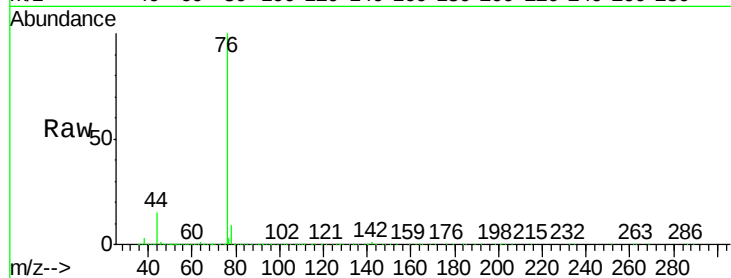
#17
Carbon Disulfide
Concen: 40.987 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	8.8	7.0	10.6

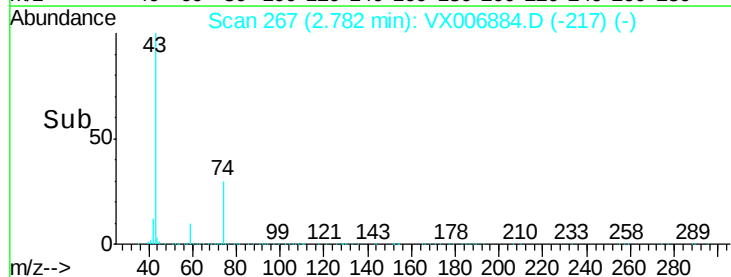
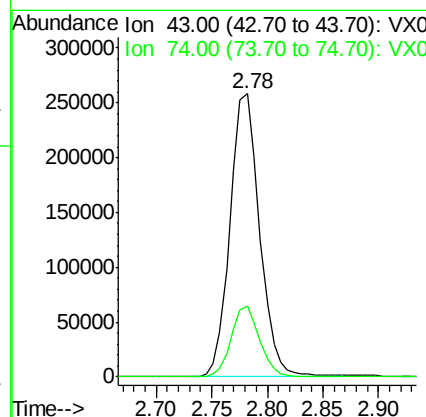
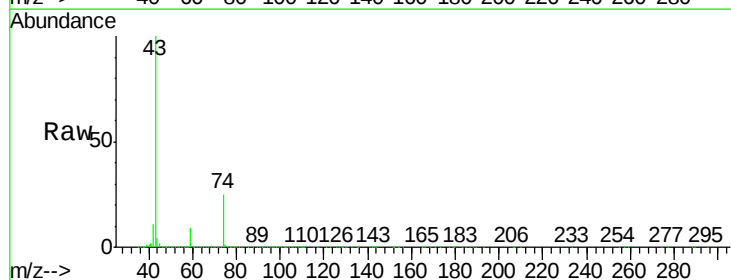
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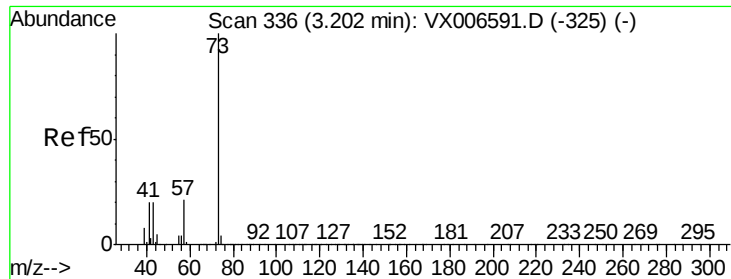
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#18
Methyl Acetate
Concen: 55.382 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
43	100		
74	24.3	18.6	28.0





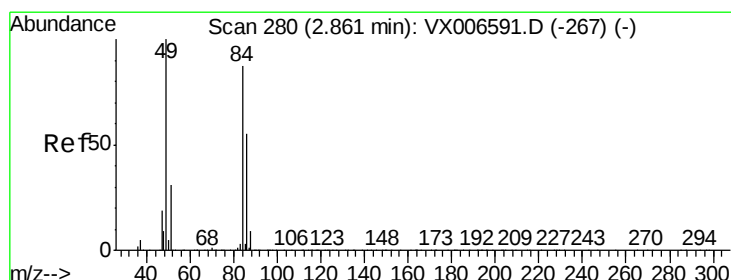
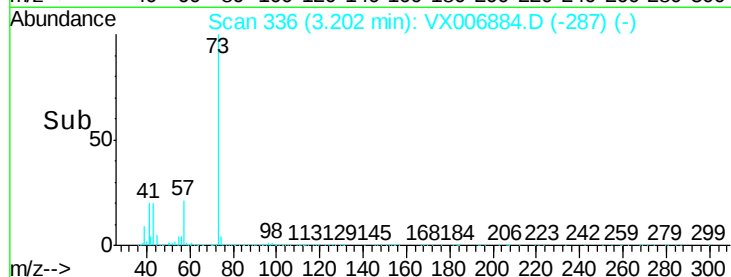
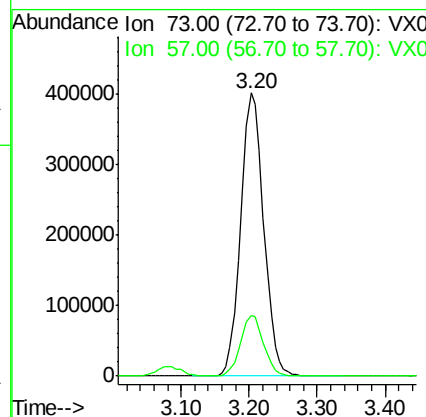
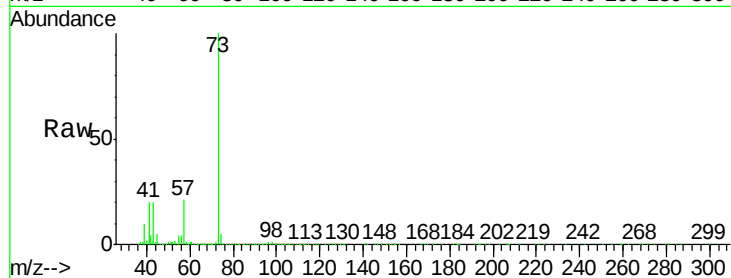
#19
Methvl tert-butvl Ether
Concen: 53.828 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.2	16.8	25.2

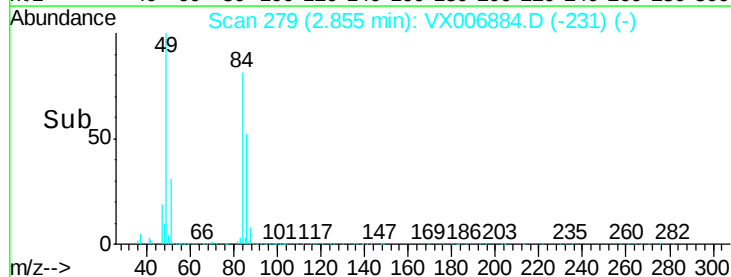
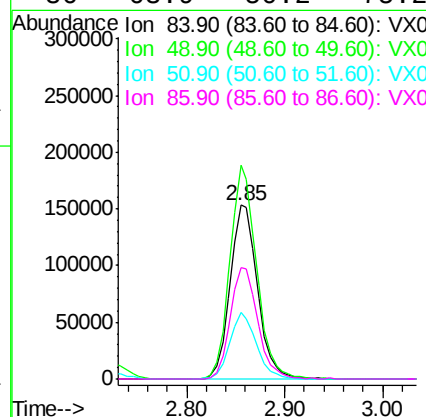
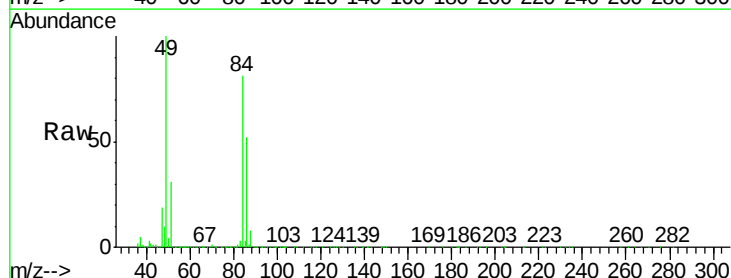
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#20
Methylene Chloride
Concen: 49.130 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.6	91.8	137.6
51	38.4	28.5	42.7
86	63.9	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.590 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

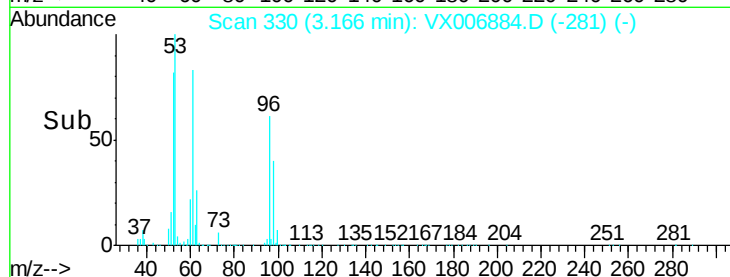
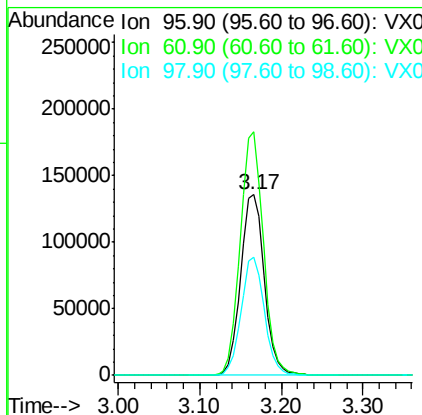
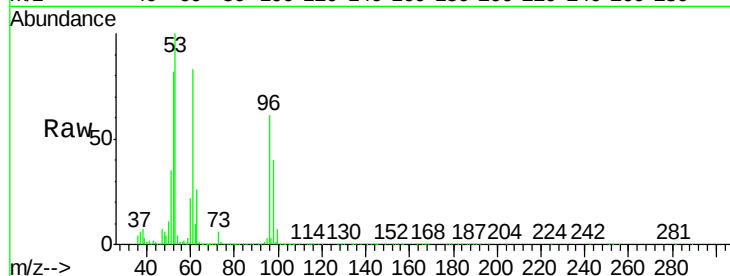
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	272336
Ion	Ratio	Lower	Upper
96	100		
61	134.8	103.7	155.5
98	65.7	51.0	76.6

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#22

Diisopropyl ether

Concen: 54.279 ug/l

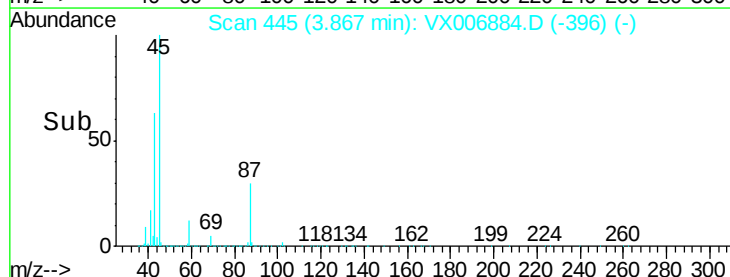
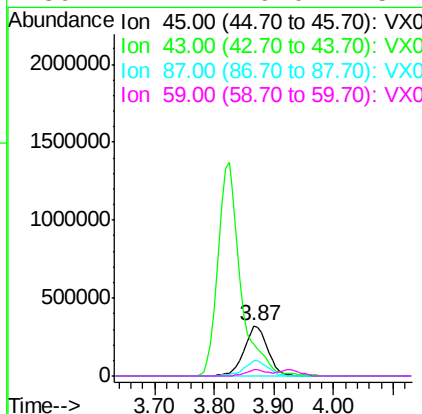
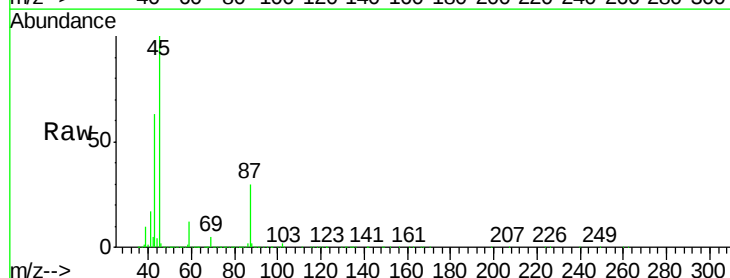
RT: 3.87 min Scan# 445

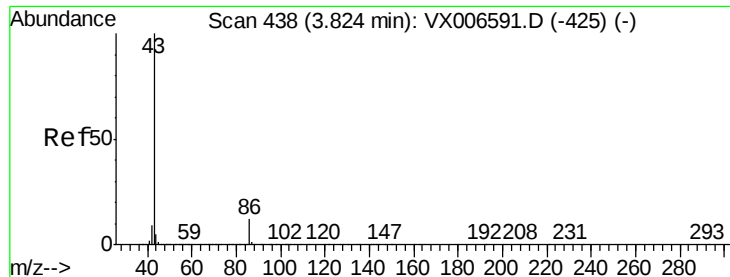
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	45	Resp:	881793
Ion	Ratio	Lower	Upper
45	100		
43	62.5	51.2	76.8
87	30.2	25.8	38.6
59	12.1	9.0	13.4





#23

Vinyl Acetate

Concen: 272.918 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3626631

Ion Ratio Lower Upper

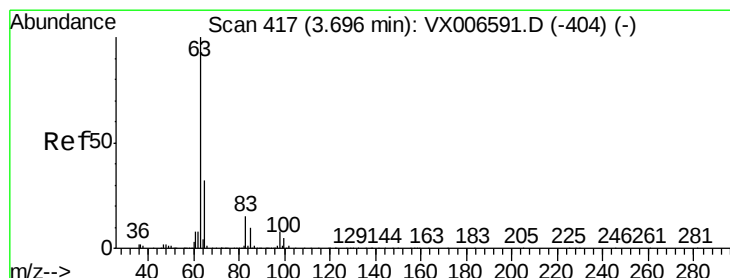
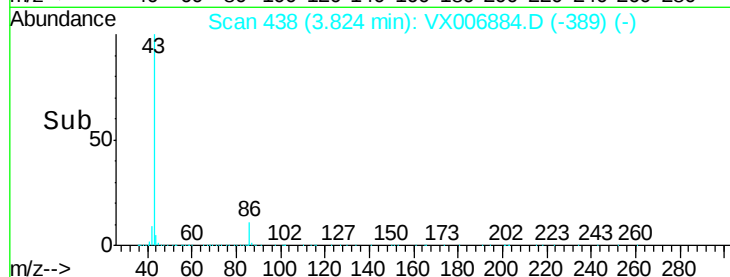
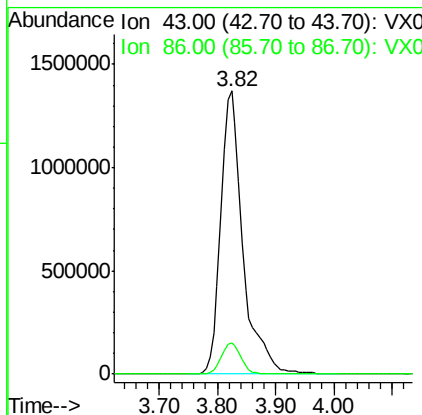
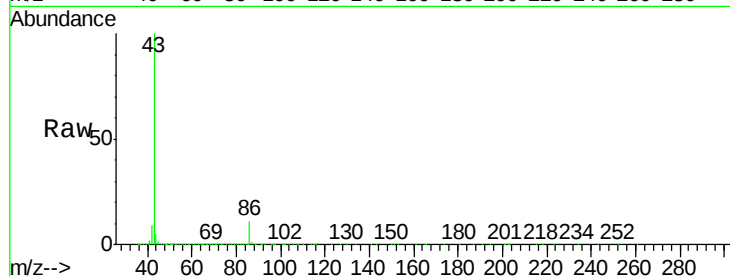
43 100

86 11.1 9.2 13.8

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#24

1,1-Dichloroethane

Concen: 52.737 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

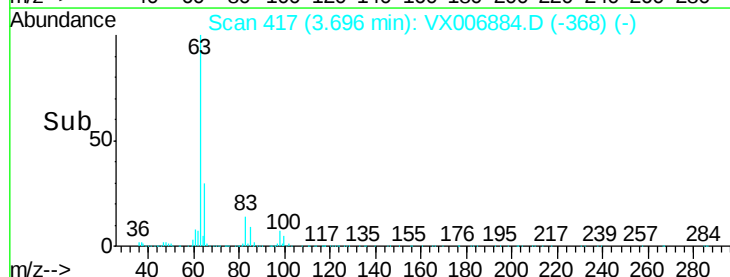
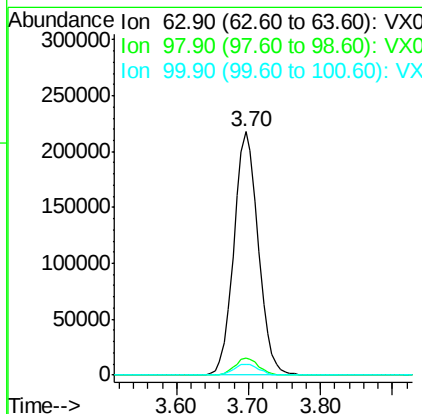
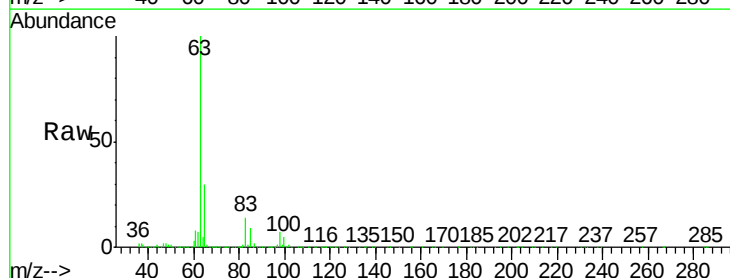
Tgt Ion: 63 Resp: 511433

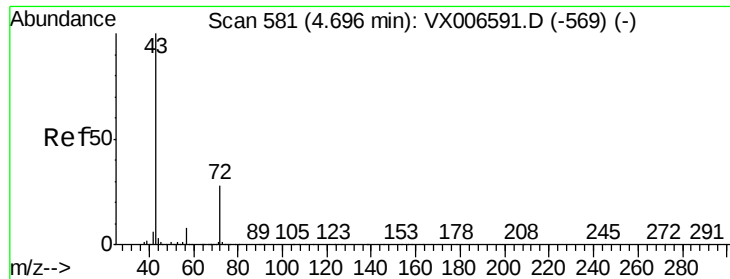
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 262.044 ug/l

RT: 4.70 min Scan# 581

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1077669

Ion Ratio Lower Upper

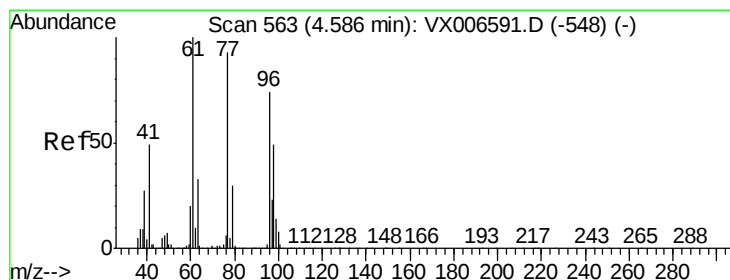
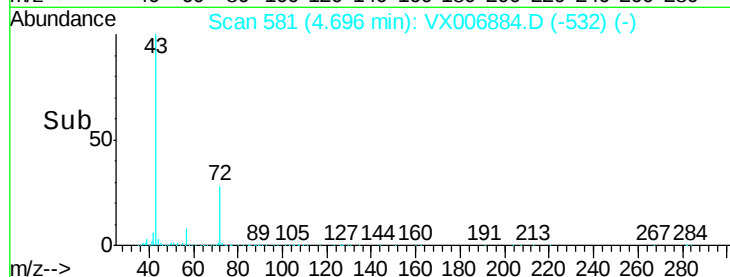
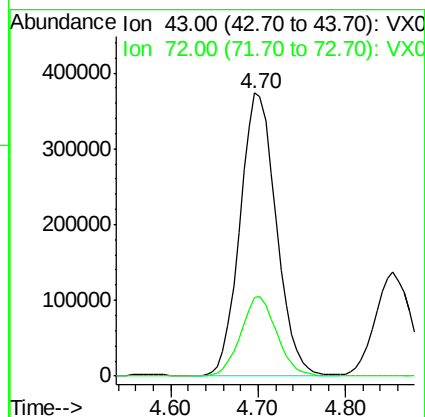
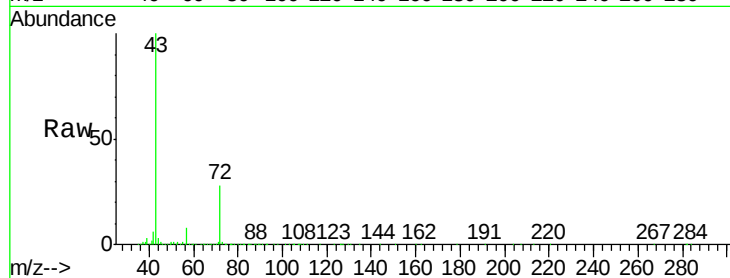
43 100

72 27.5 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 53.922 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006884.D

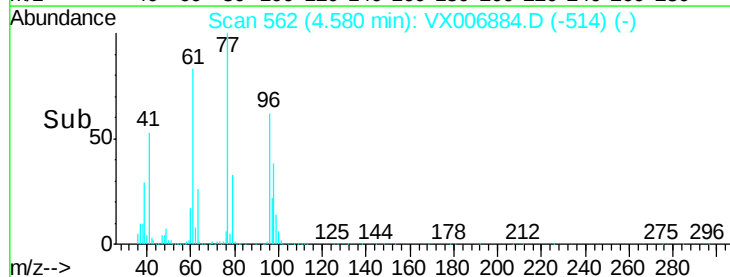
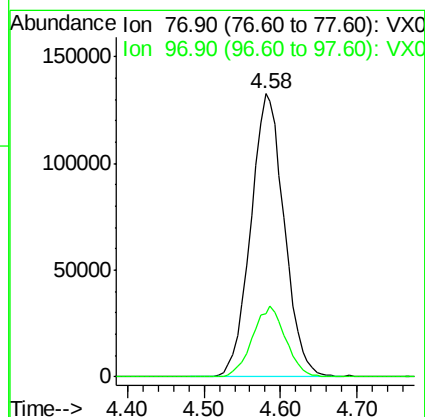
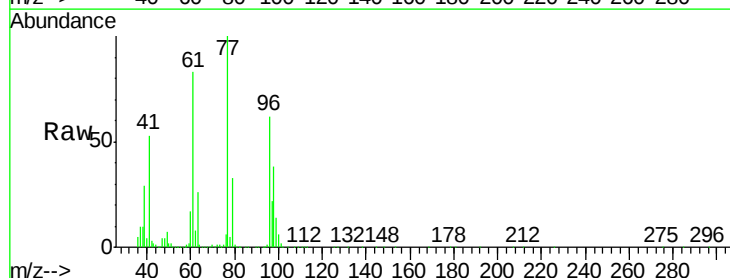
Acq: 03 Jan 2019 10:15

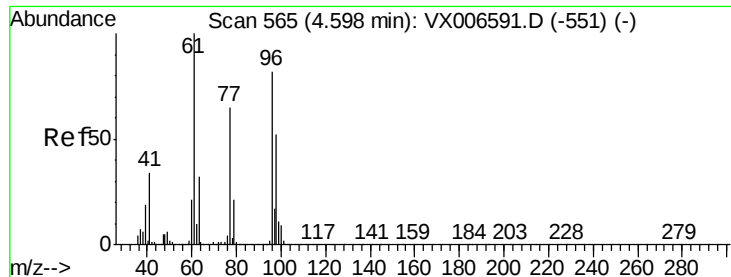
Tgt Ion: 77 Resp: 403945

Ion Ratio Lower Upper

77 100

97 24.9 12.4 37.4





#27

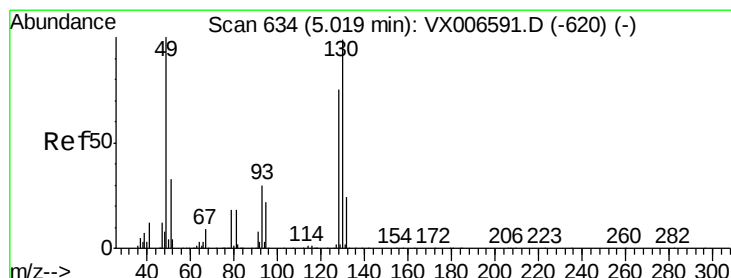
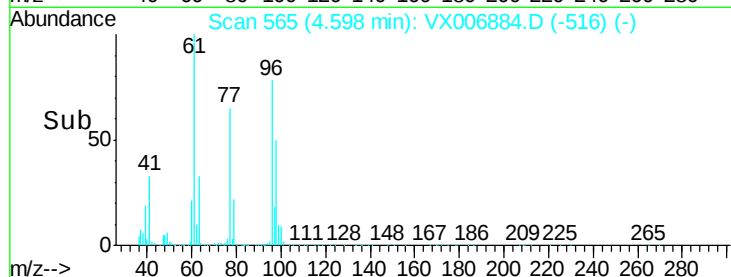
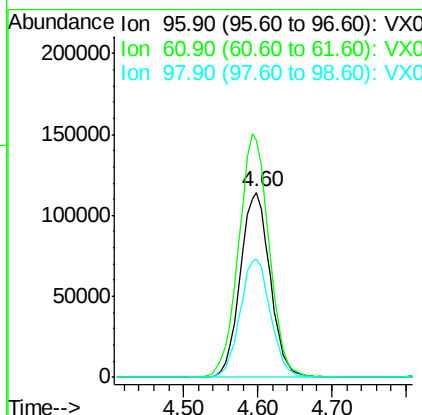
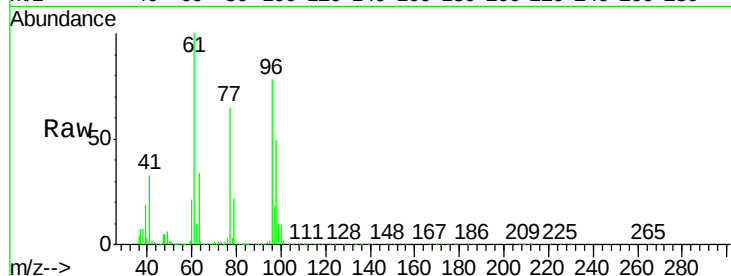
cis-1,2-Dichloroethene
Concen: 49.820 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.1	0.0	258.6
98	65.2	0.0	132.0

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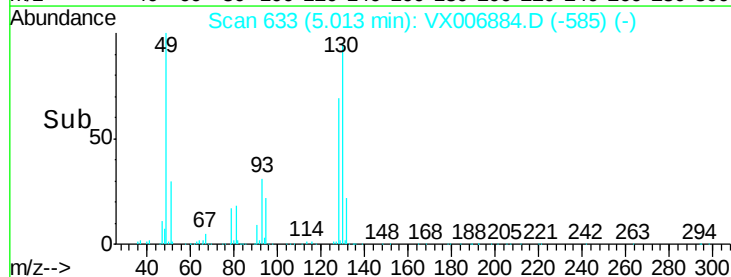
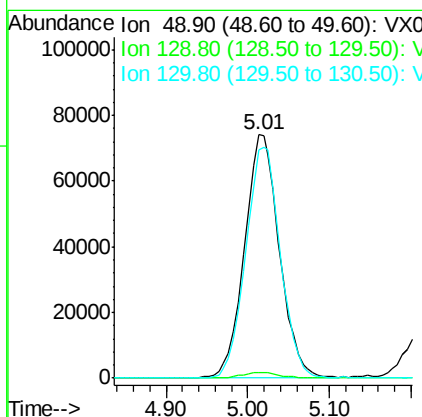
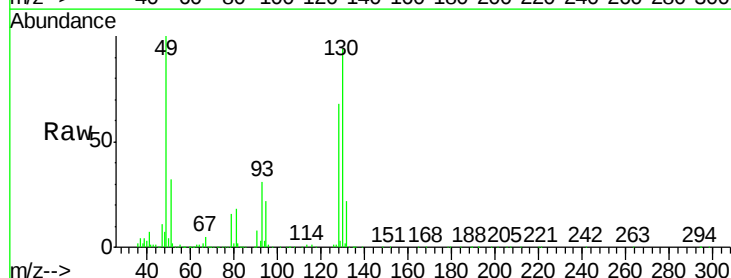
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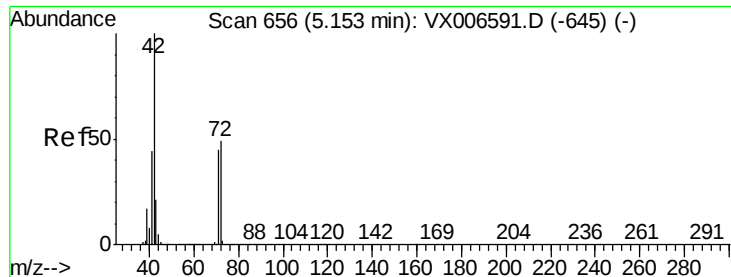


#28

Bromochloromethane
Concen: 54.065 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.3	77.7	116.5





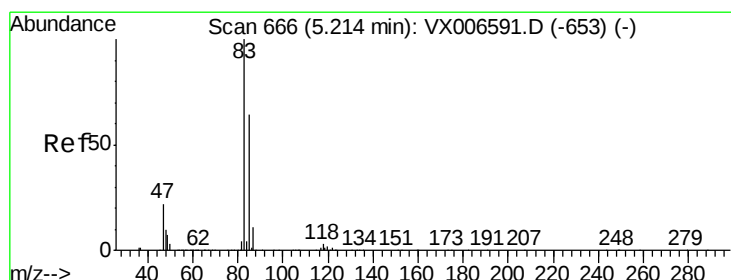
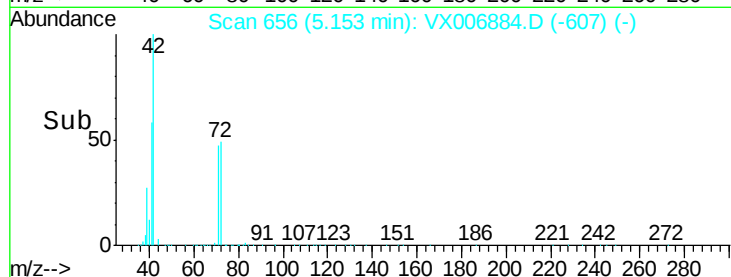
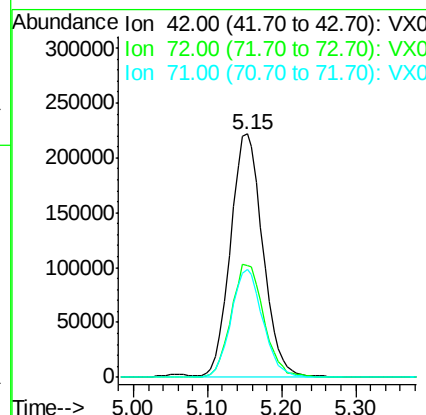
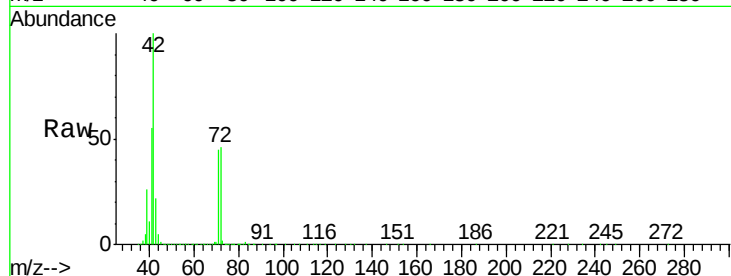
#29
Tetrahydrofuran
Concen: 247.447 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.3	38.9	58.3
71	43.8	36.2	54.4

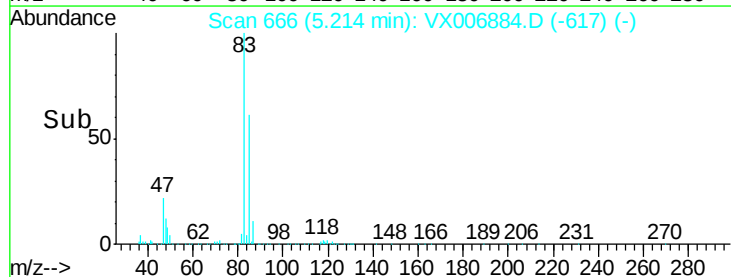
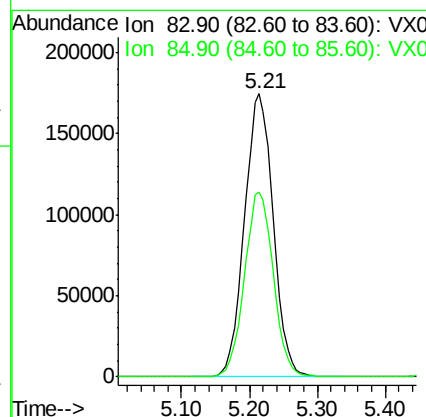
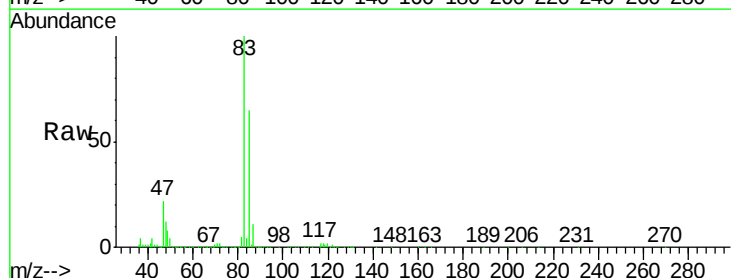
Manual Integrations
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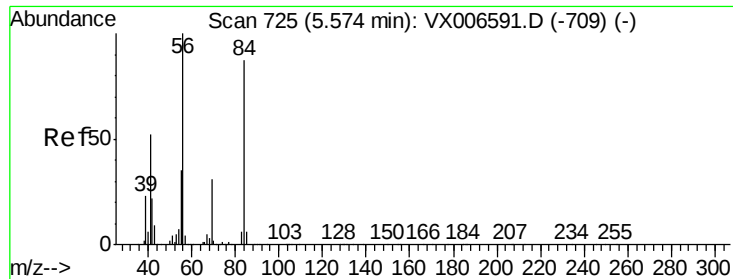
MMDadoda
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#30
Chloroform
Concen: 51.114 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	51.2	76.8





#31

Cyclohexane

Concen: 46.758 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

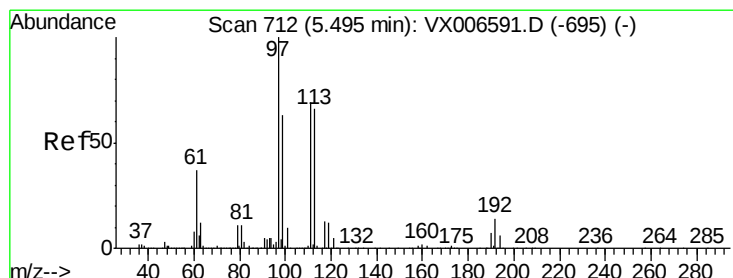
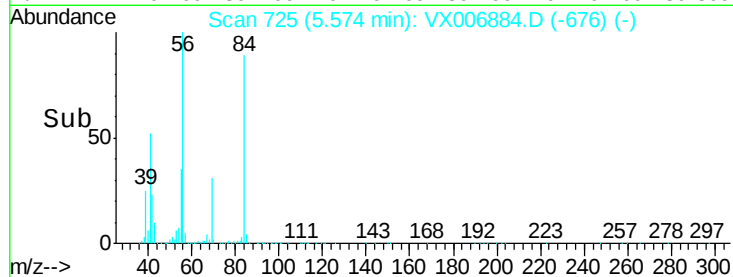
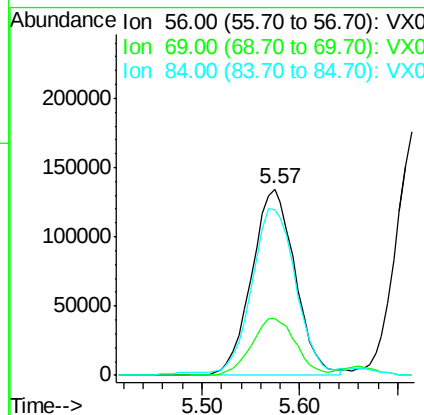
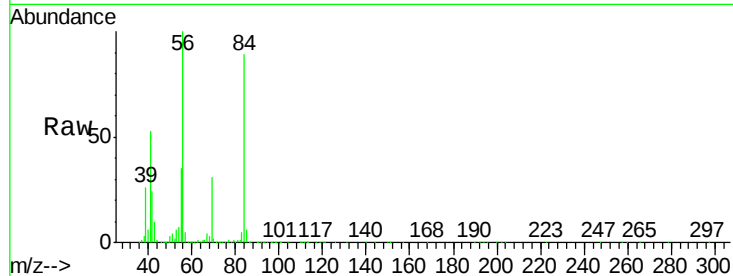
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	411951
Ion	Ratio	Lower	Upper
56	100		
69	30.6	24.4	36.6
84	86.9	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 53.002 ug/l

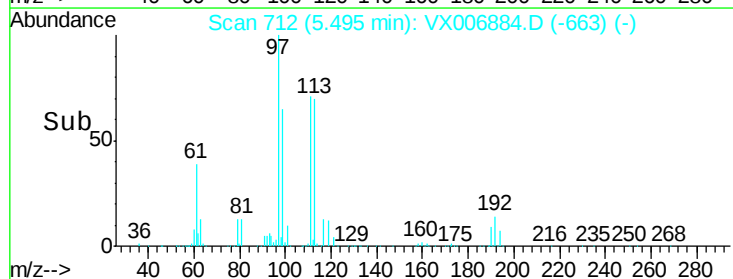
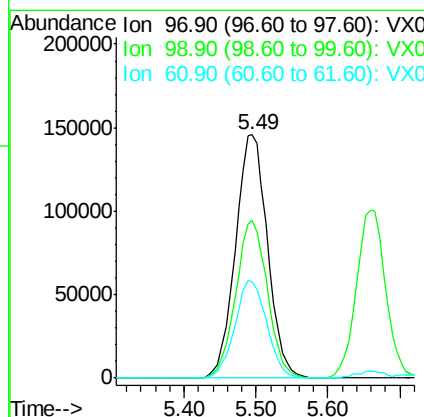
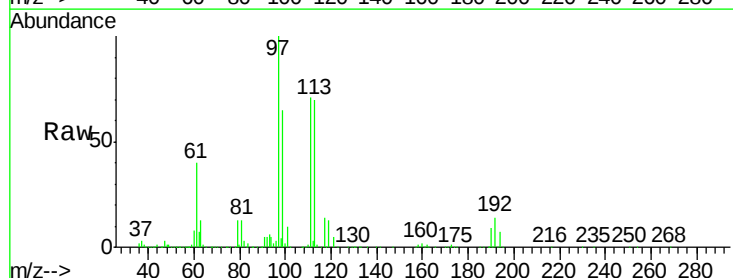
RT: 5.49 min Scan# 712

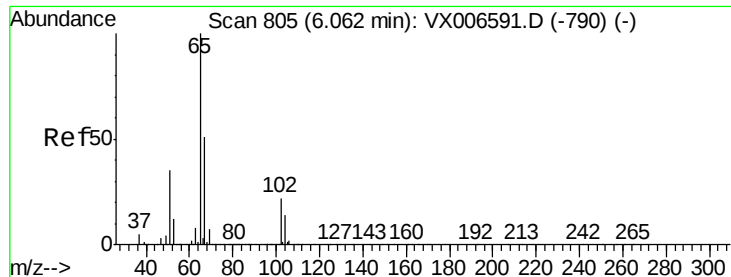
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	97	Resp:	449446
Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.7	77.5
61	40.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 51.692 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 328953

Ion Ratio Lower Upper

65 100

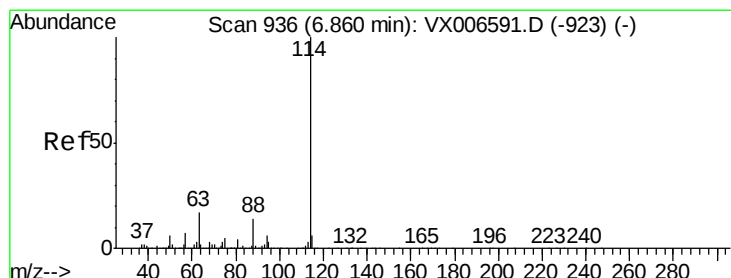
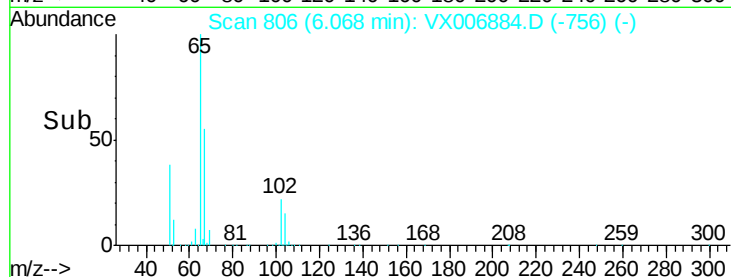
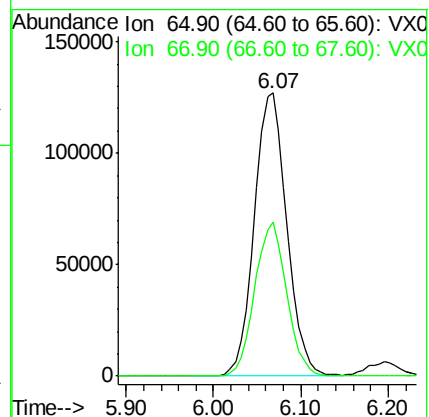
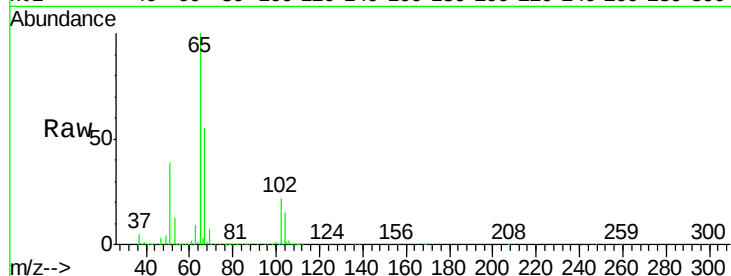
67 53.2 0.0 105.0

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

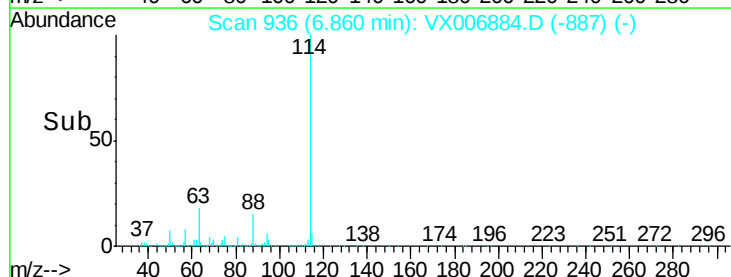
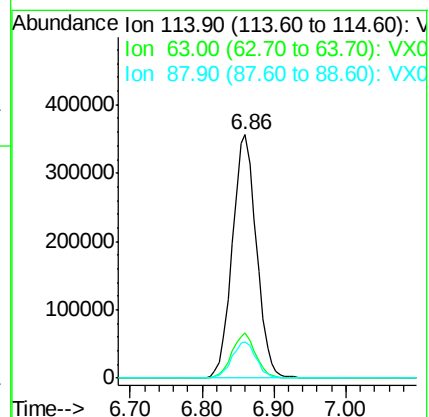
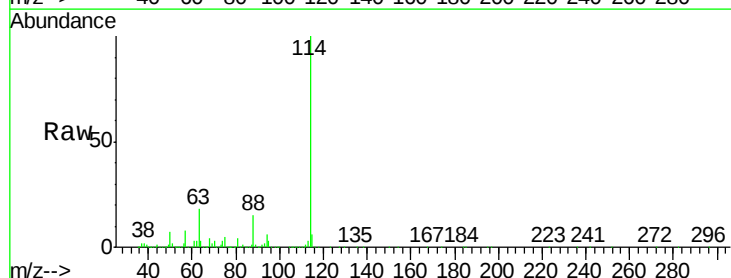
Tgt Ion: 114 Resp: 830403

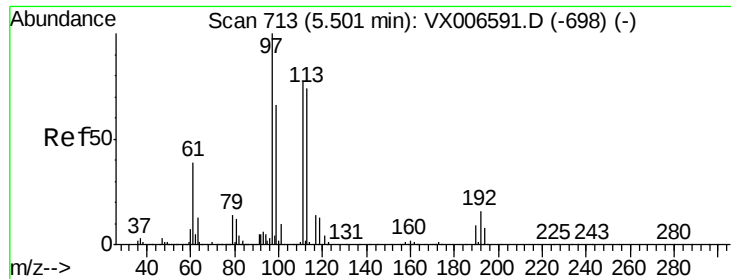
Ion Ratio Lower Upper

114 100

63 18.4 0.0 34.8

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 58.059 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

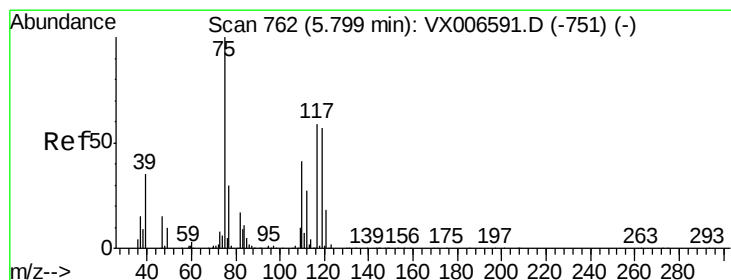
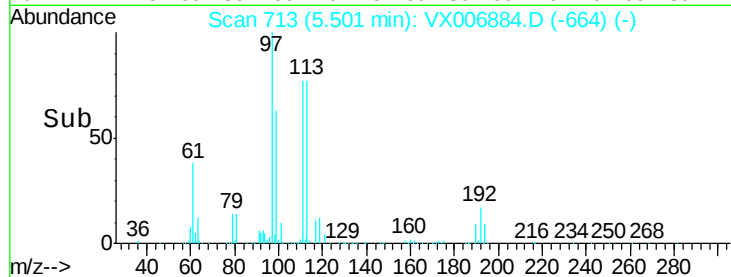
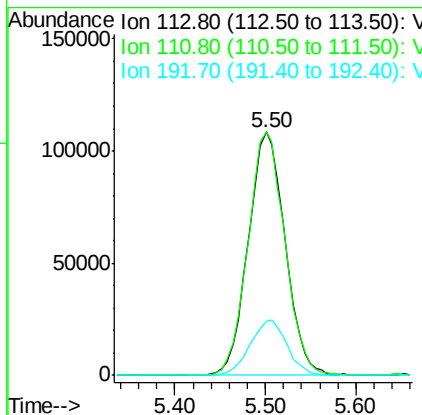
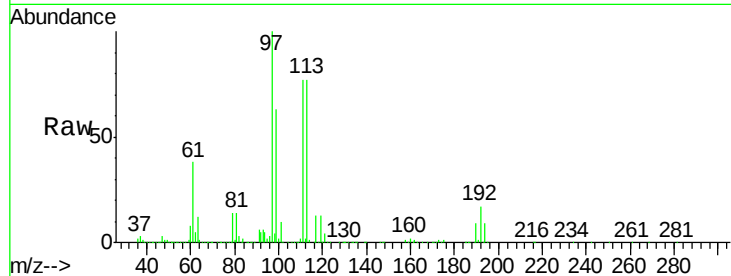
ClientSampled :

VSTDCCC050

Tot Ion:	113	Resp:	304887
Ion Ratio	Lower	Upper	
113	100		
111	100.4	81.6	122.4
192	22.8	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 53.221 ug/l

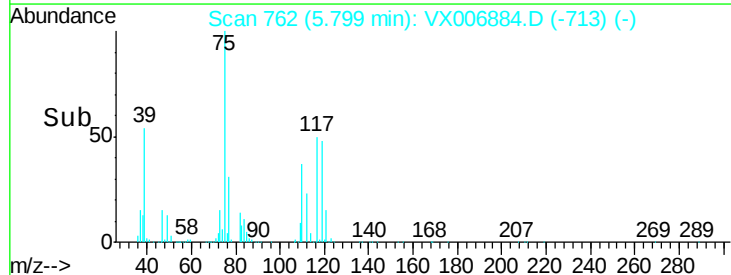
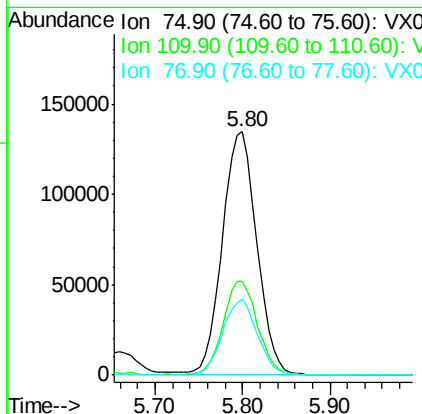
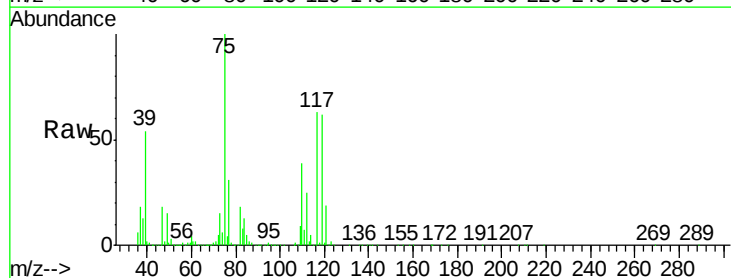
RT: 5.80 min Scan# 762

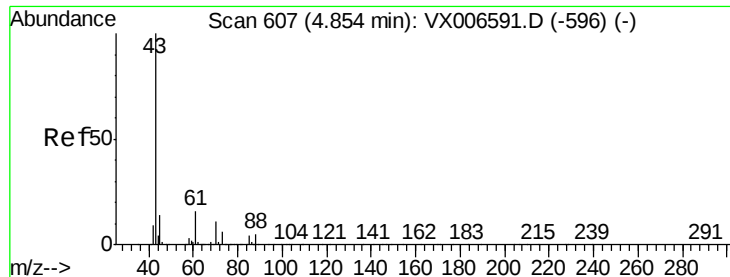
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	75	Resp:	366038
Ion Ratio	Lower	Upper	
75	100		
110	39.1	20.2	60.5
77	31.5	24.8	37.2





#37

Ethyl Acetate

Concen: 55.733 ug/l

RT: 4.85 min Scan# 607

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

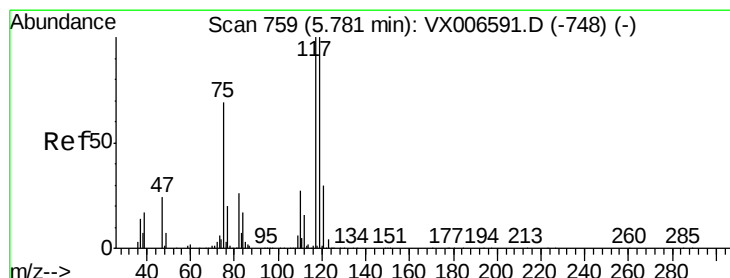
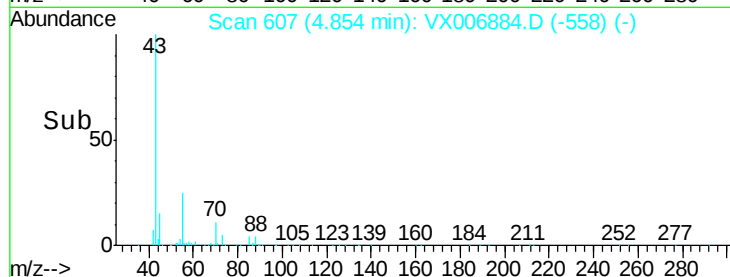
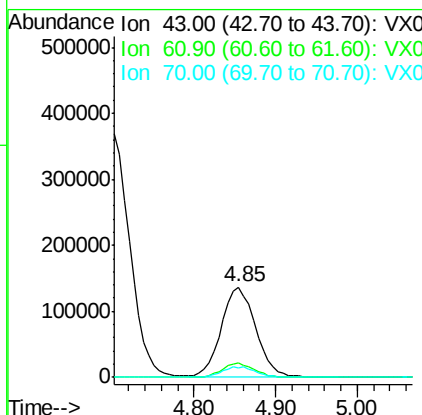
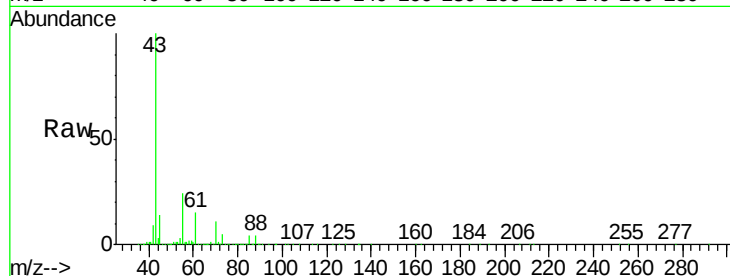
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	398960
Ion	Ratio	Lower	Upper
43	100		
61	14.8	11.9	17.9
70	11.2	9.7	14.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 58.555 ug/l

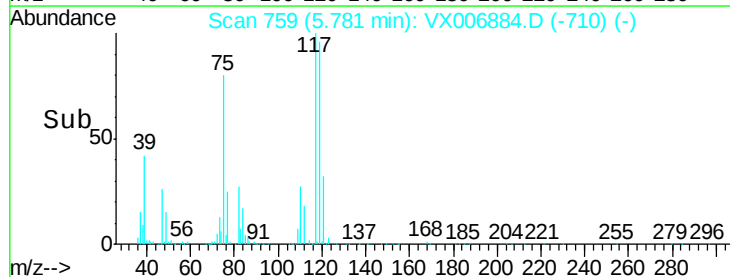
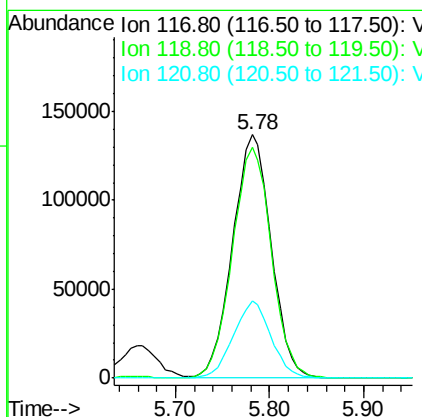
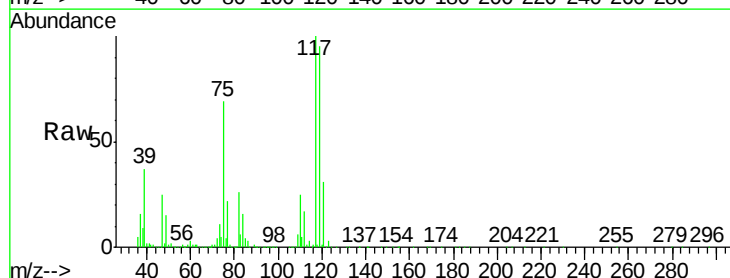
RT: 5.78 min Scan# 759

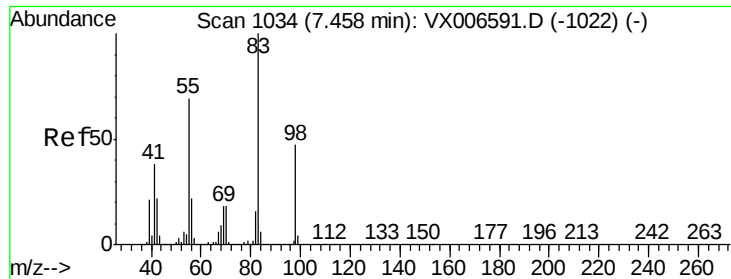
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	117	Resp:	391380
Ion	Ratio	Lower	Upper
117	100		
119	94.8	79.4	119.2
121	31.4	24.0	36.0





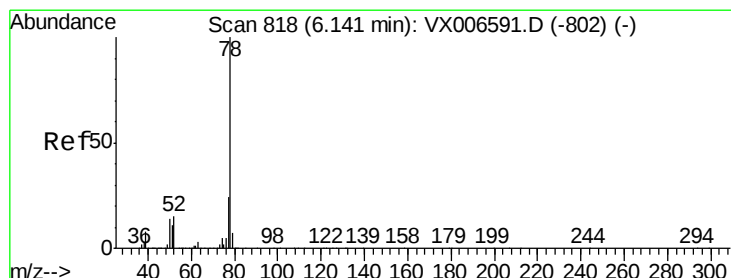
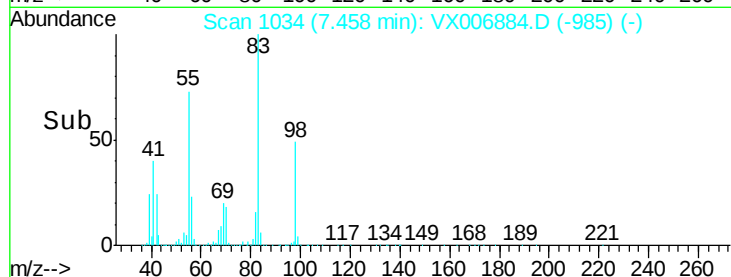
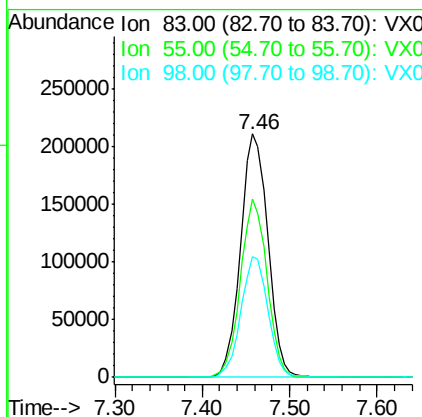
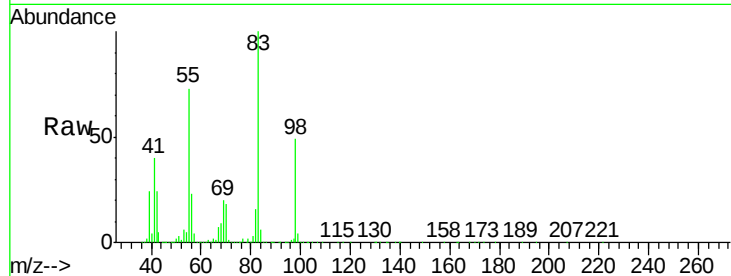
#39
Methvlcvclohexane
Concen: 50.574 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	73.4	54.9	82.3
98	49.4	37.9	56.9

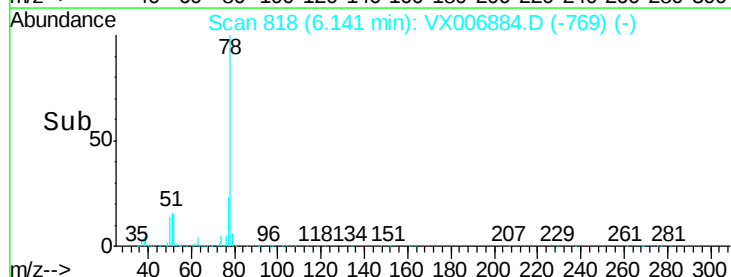
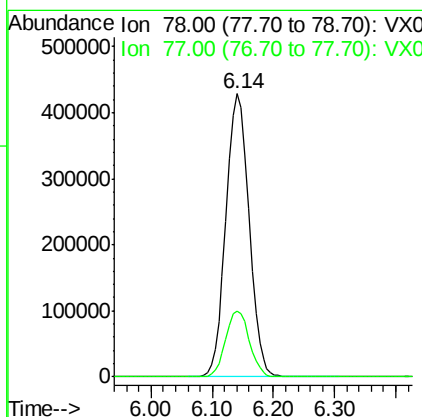
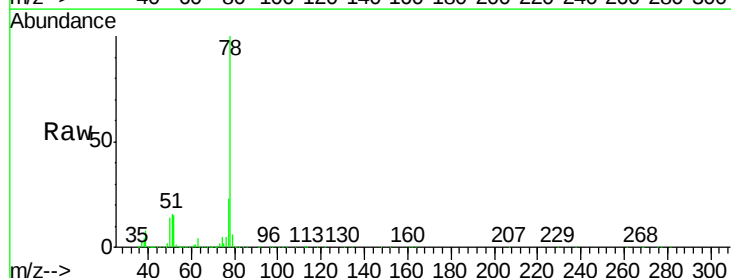
Manual Integrations
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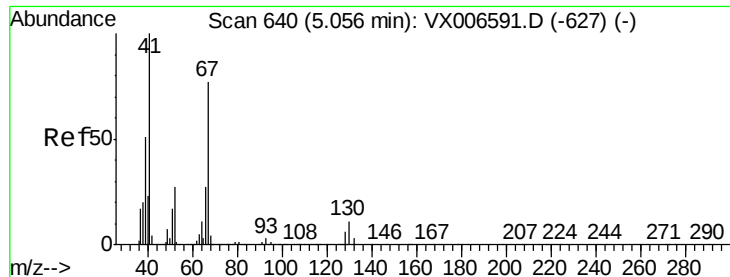
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#40
Benzene
Concen: 53.580 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





#41

Methacrylonitrile

Concen: 59.188 ug/l

RT: 5.06 min Scan# 640

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

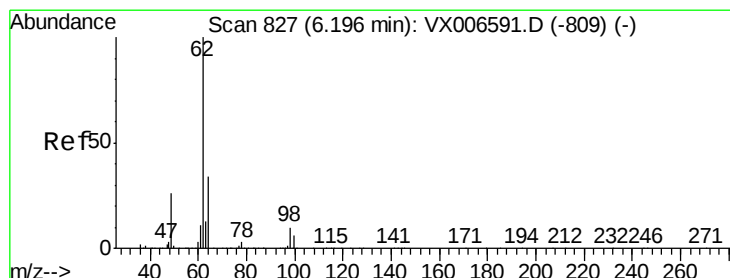
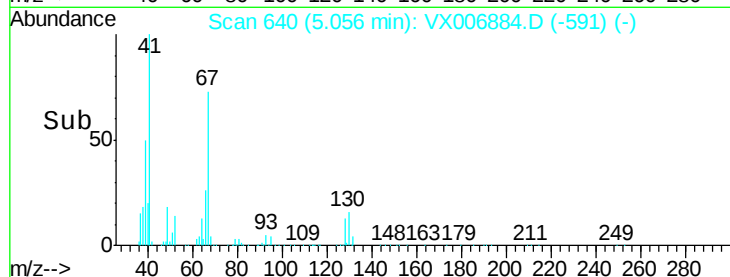
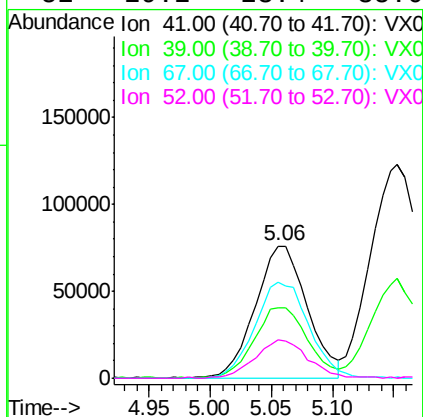
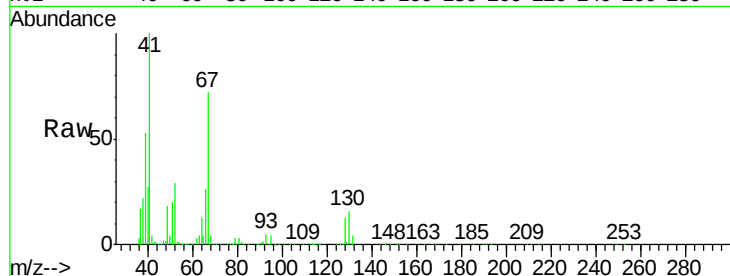
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		224945		
39	54.4	42.8	64.2		
67	76.1	62.1	93.1		
52	29.2	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 54.369 ug/l

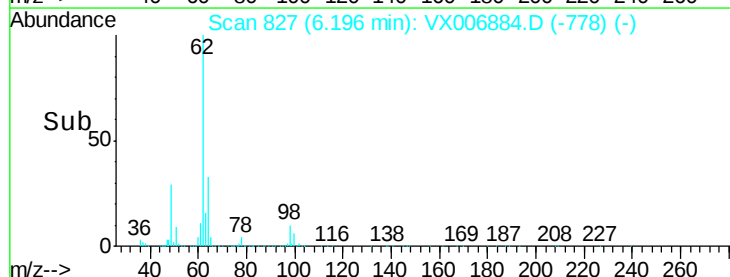
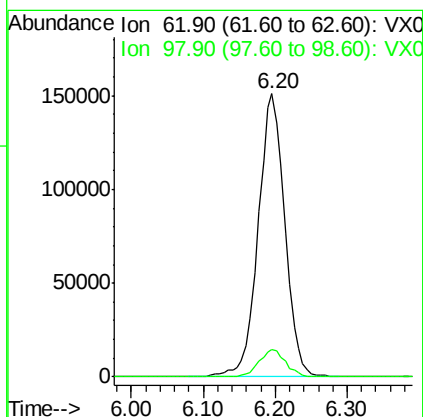
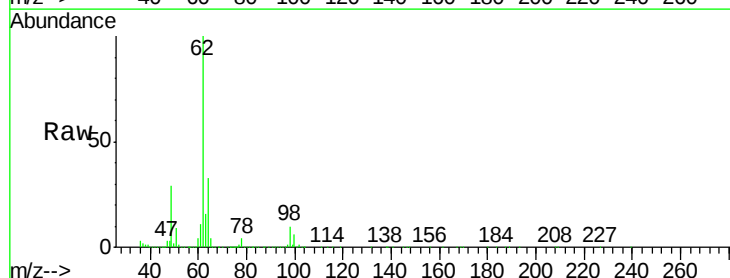
RT: 6.20 min Scan# 827

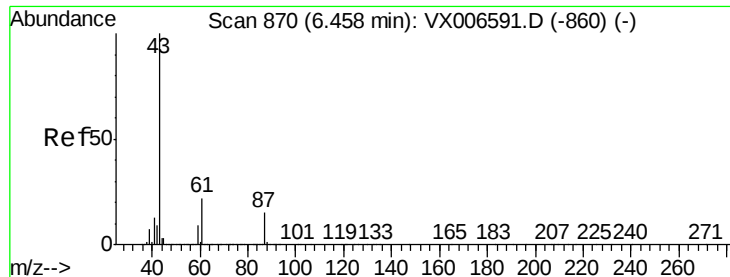
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		387310		
98	9.7	0.0	20.2		





#43

Isopropyl Acetate

Concen: 61.217 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

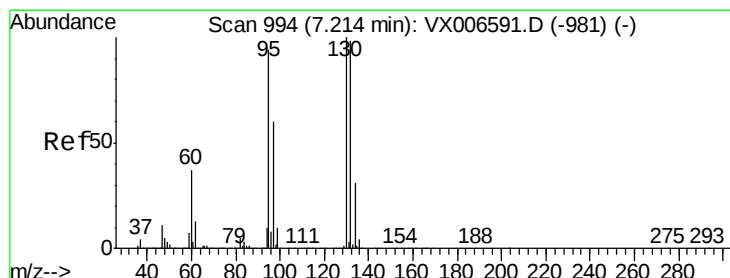
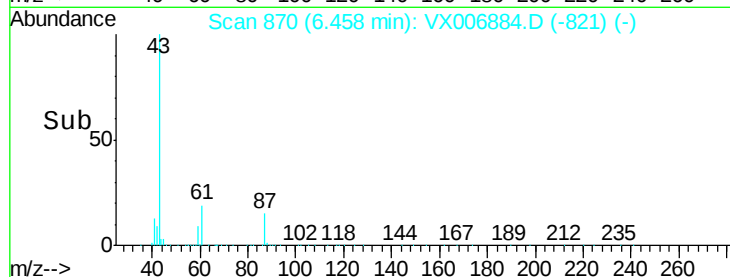
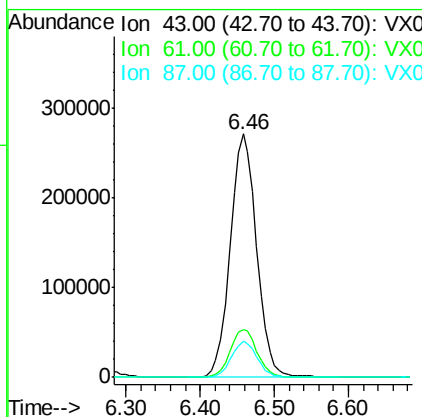
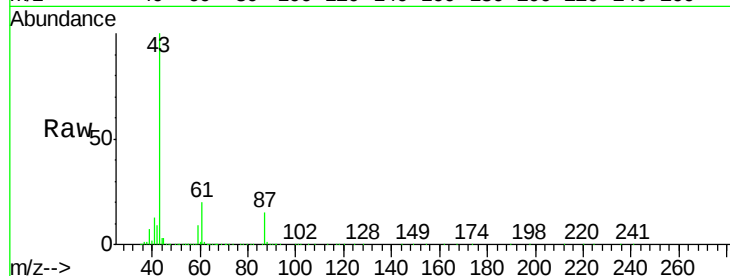
ClientSampleId :

VSTDCCC050

Tot Ion:	43	Resp:	666767
Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.7	12.4	18.6

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#44

Trichloroethene

Concen: 53.448 ug/l

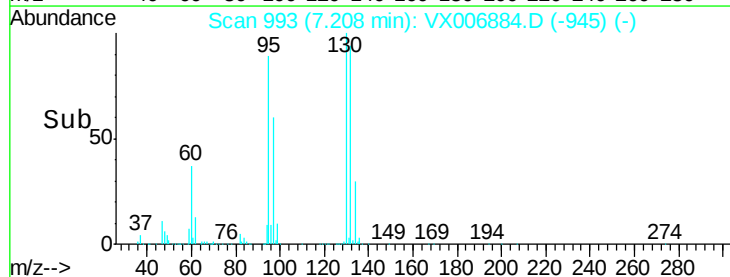
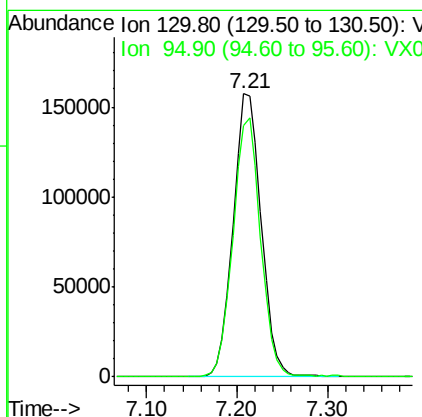
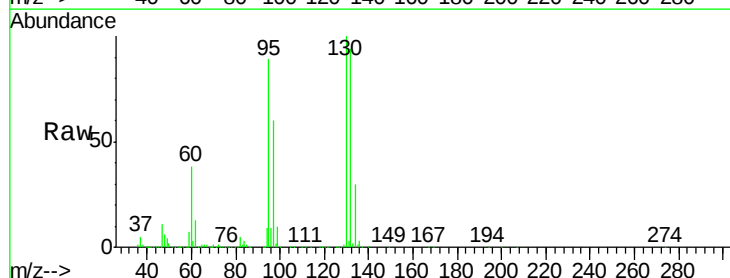
RT: 7.21 min Scan# 993

Delta R.T. -0.01 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	130	Resp:	338196
Ion	Ratio	Lower	Upper
130	100		
95	88.6	0.0	187.0





#45

1,2-Dichloropropane

Concen: 57.431 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 292174

Ion Ratio Lower Upper

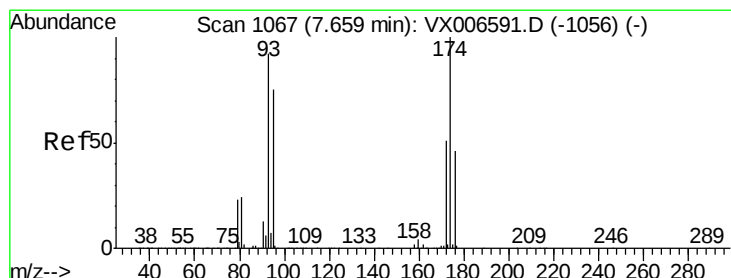
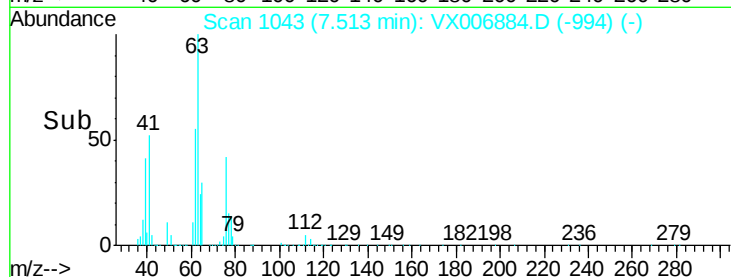
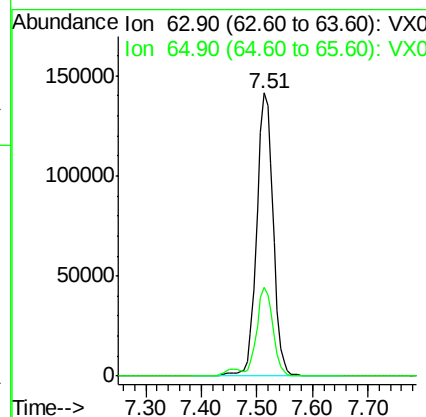
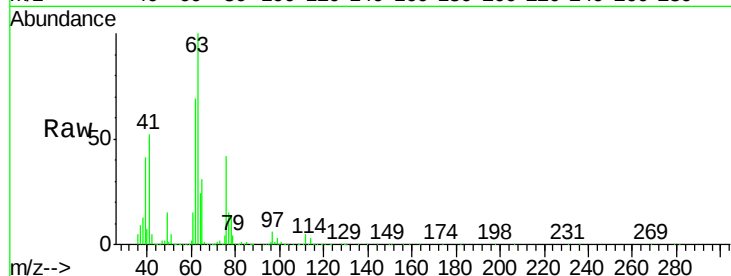
63 100

65 31.1 25.4 38.0

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#46

Dibromomethane

Concen: 54.781 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

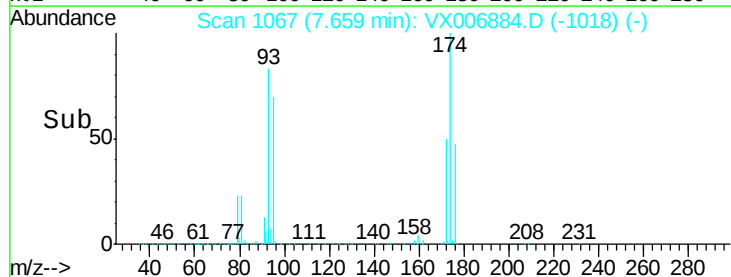
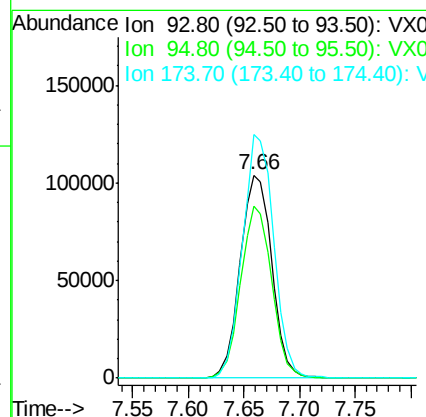
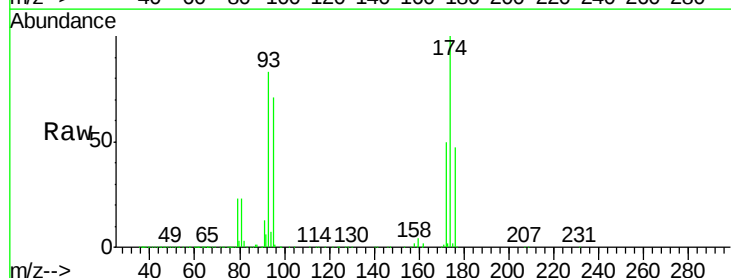
Tgt Ion: 93 Resp: 204993

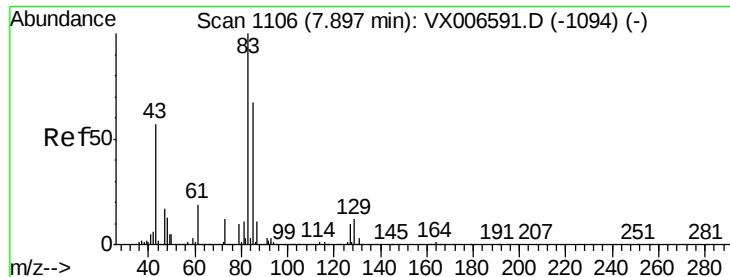
Ion Ratio Lower Upper

93 100

95 83.1 66.2 99.4

174 119.1 91.0 136.4





#47

Bromodichloromethane

Concen: 60.517 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

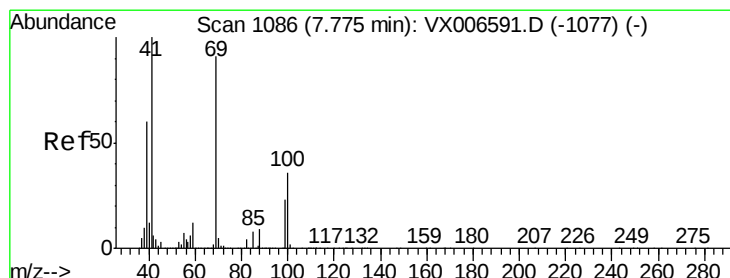
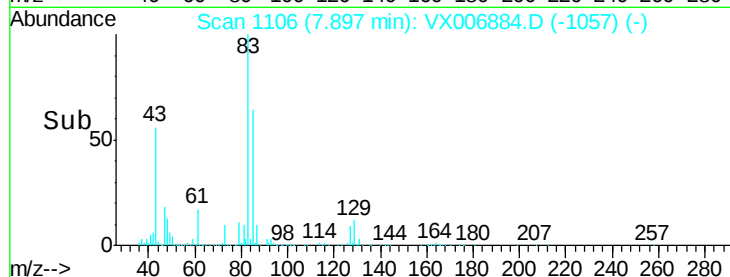
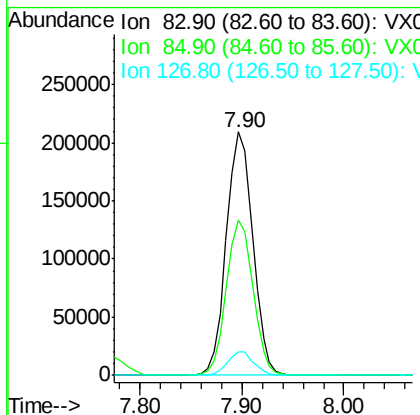
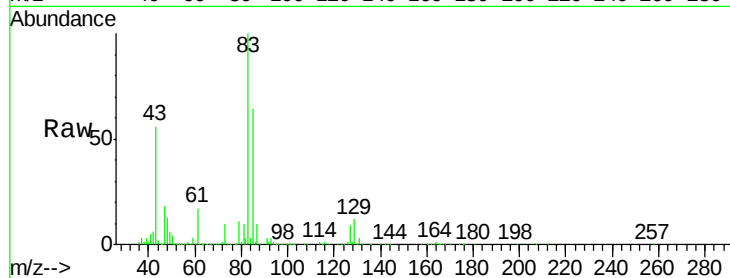
ClientSampled :

VSTDCCC050

Tot Ion:	83	Resp:	375974
Ion	Ratio	Lower	Upper
83	100		
85	63.8	53.2	79.8
127	9.4	7.8	11.6

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#48

Methyl methacrylate

Concen: 60.289 ug/l

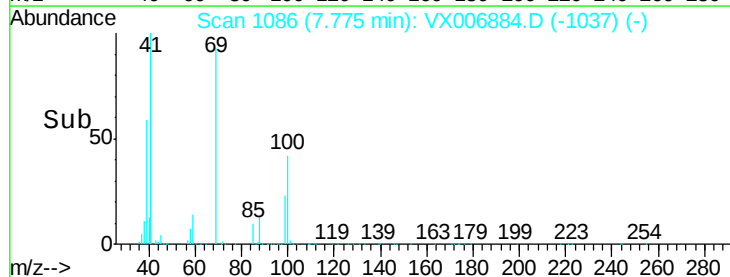
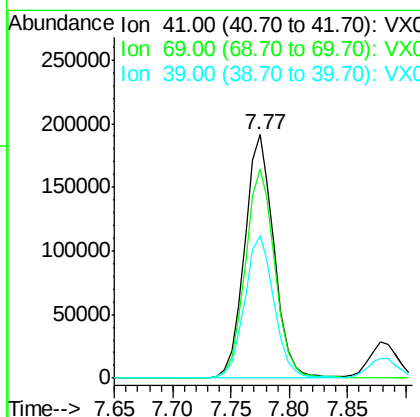
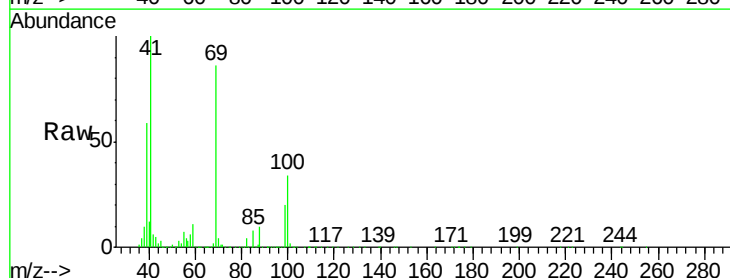
RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	41	Resp:	333931
Ion	Ratio	Lower	Upper
41	100		
69	87.5	72.4	108.6
39	58.7	45.8	68.8





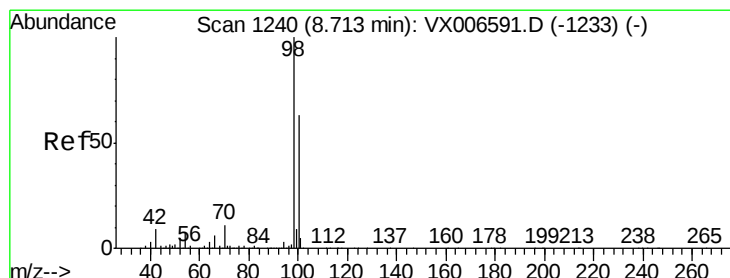
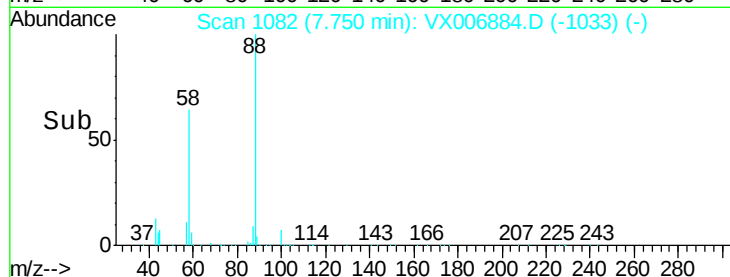
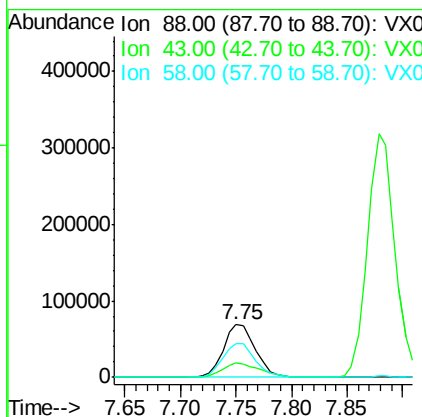
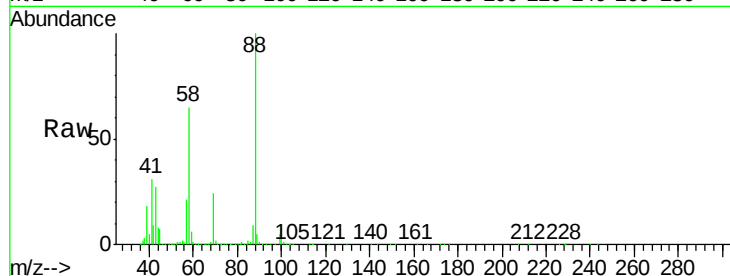
#49
1,4-Dioxane
Concen: 948.819 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	30.4	22.2	33.4
58	65.7	51.0	76.4

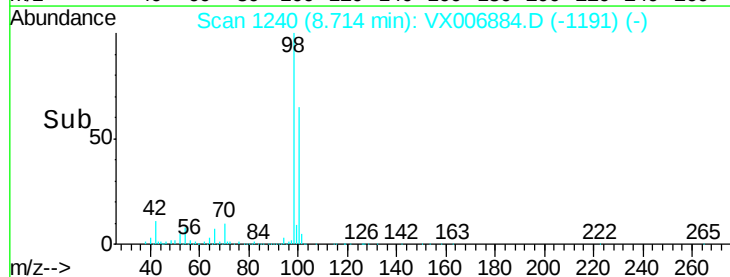
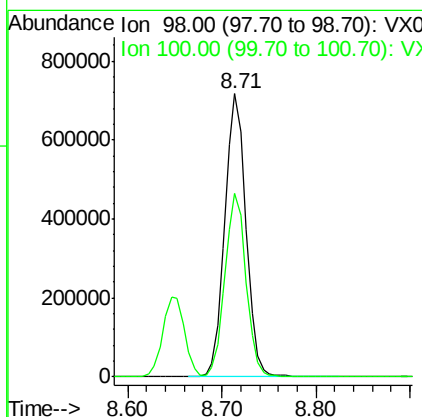
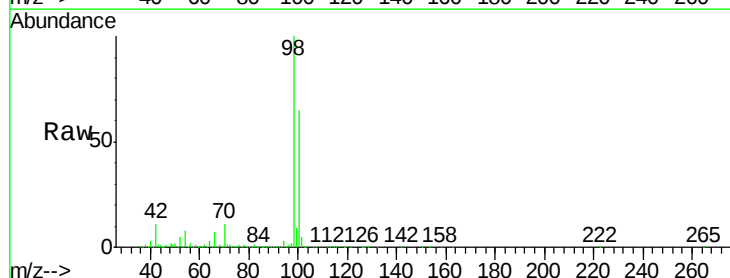
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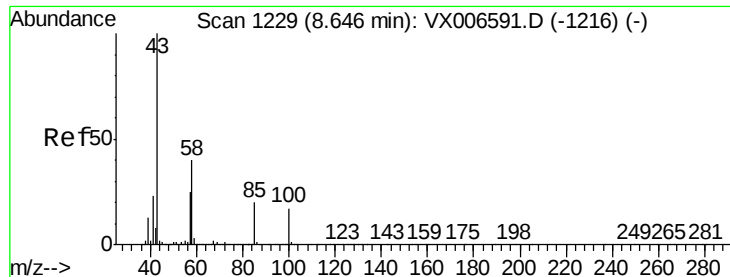
MMDadoda
1/4/2019 10:01:15 AM



#50
Toluene-d8
Concen: 56.455 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.5	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 288.177 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1997103

Ion Ratio Lower Upper

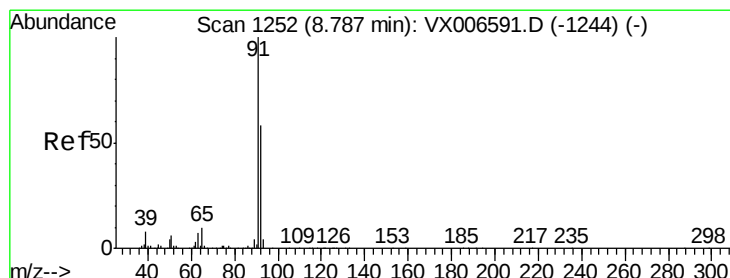
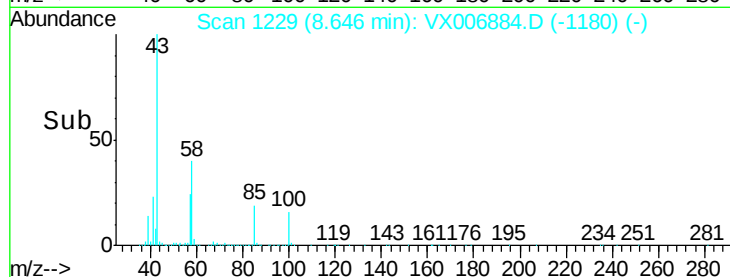
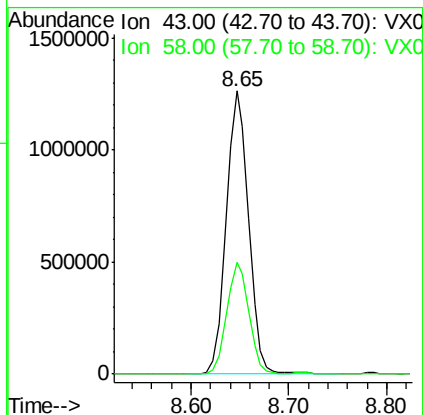
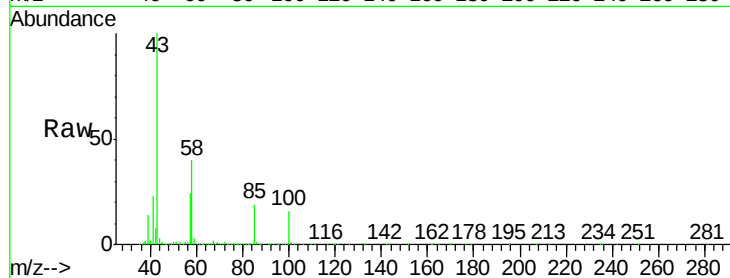
43 100

58 39.1 31.8 47.6

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#52

Toluene

Concen: 54.487 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006884.D

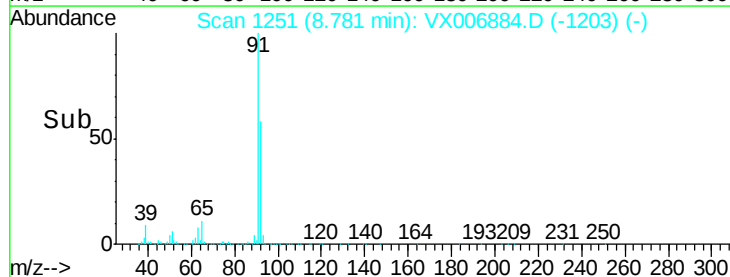
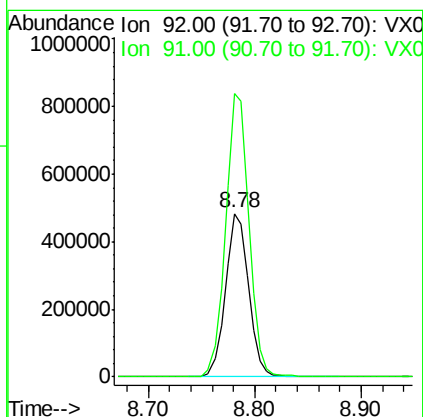
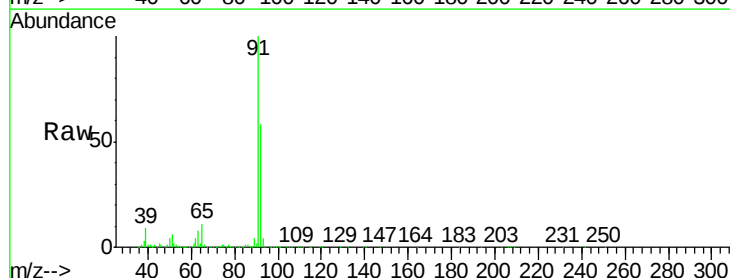
Acq: 03 Jan 2019 10:15

Tgt Ion: 92 Resp: 735901

Ion Ratio Lower Upper

92 100

91 175.1 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 64.364 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 428861

Ion Ratio Lower Upper

75 100

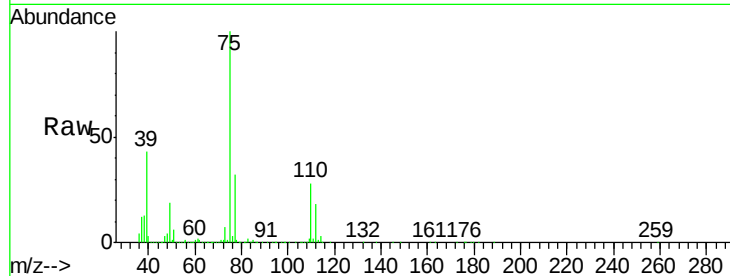
77 32.0 25.4 38.0

Manual Integrations

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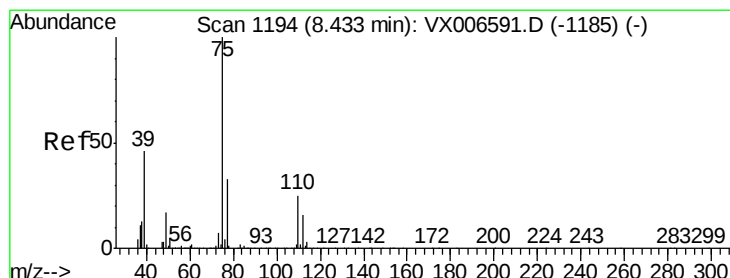
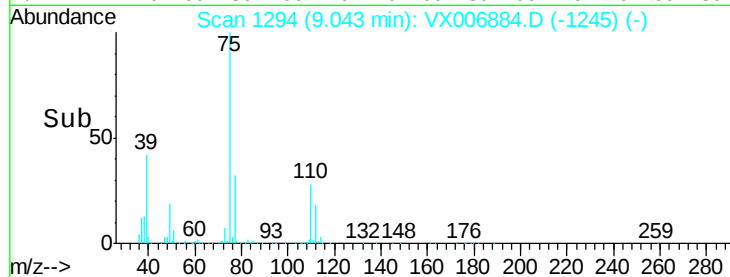
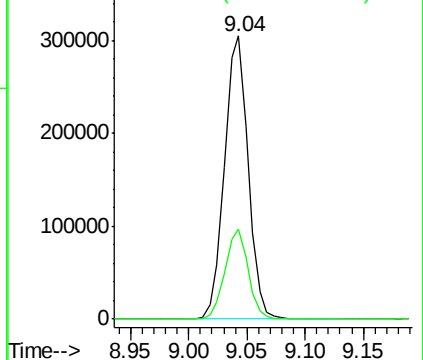
MMDadoda

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 63.690 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

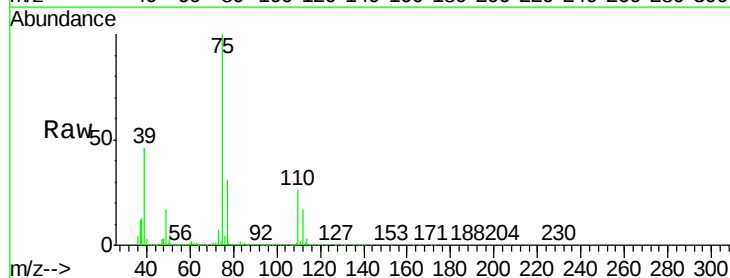
Tgt Ion: 75 Resp: 465640

Ion Ratio Lower Upper

75 100

77 31.3 26.2 39.2

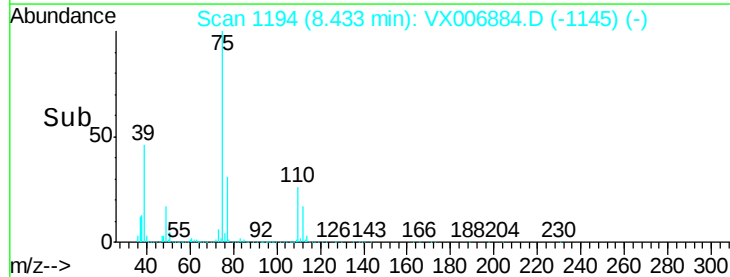
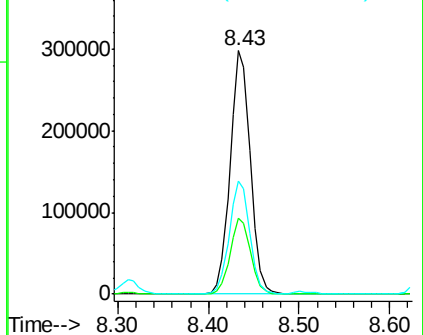
39 46.4 36.7 55.1

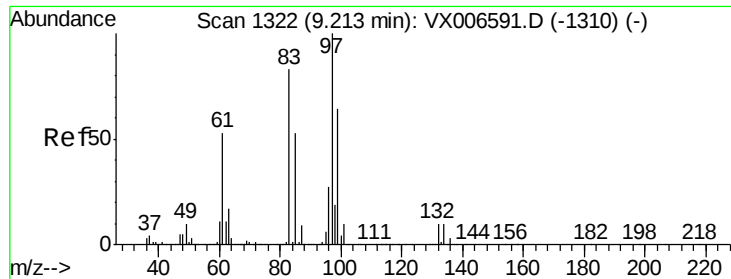


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





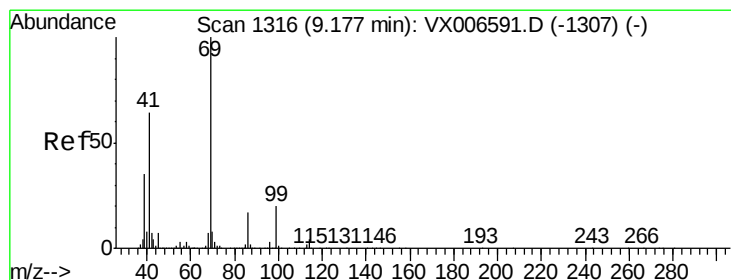
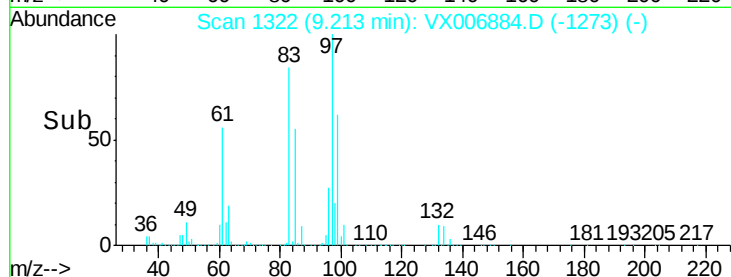
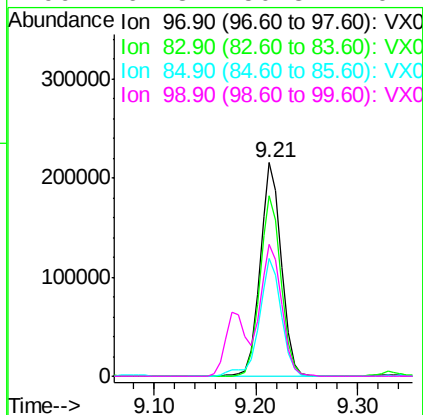
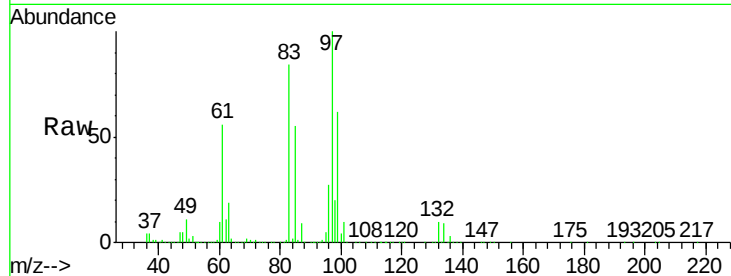
#55
 1,1,2-Trichloroethane
 Concen: 56.627 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
97	100		
83	84.4	66.6	99.8
85	55.0	42.7	64.1
99	61.8	50.8	76.2

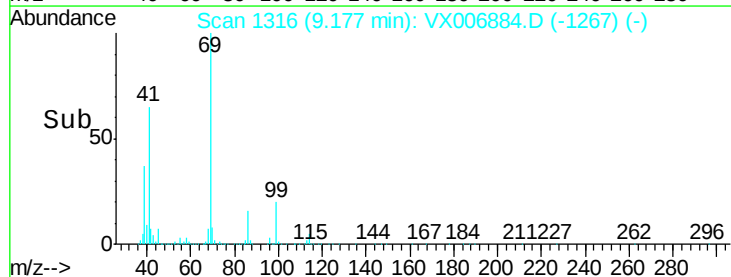
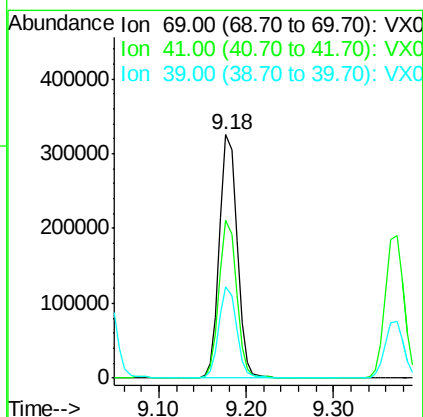
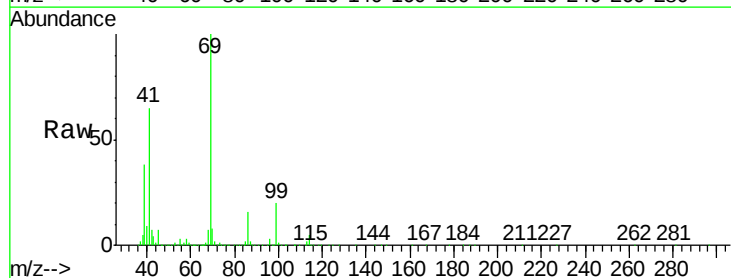
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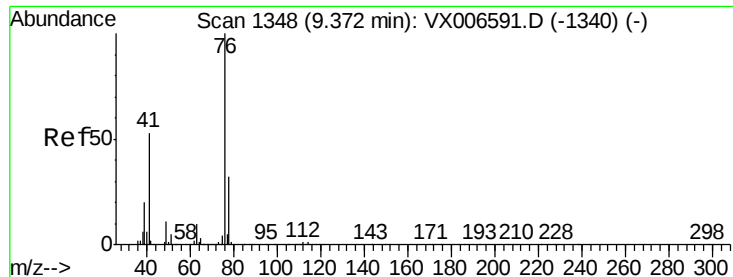
MMDadoda
 1/4/2019 10:01:15 AM



#56
 Ethyl methacrylate
 Concen: 58.598 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
69	100		
41	63.7	48.7	73.1
39	37.0	27.0	40.6





#57

1,3-Dichloropropane

Concen: 56.231 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 500137

Ion Ratio Lower Upper

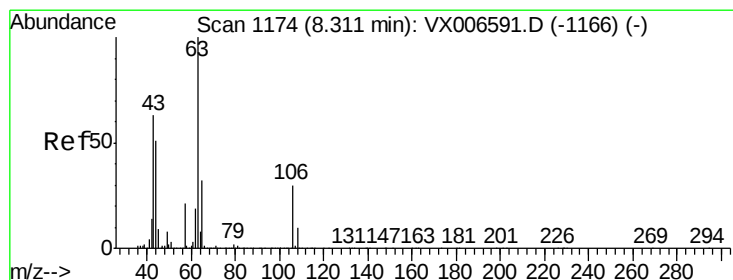
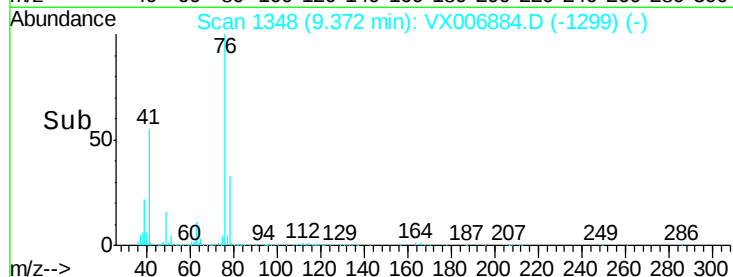
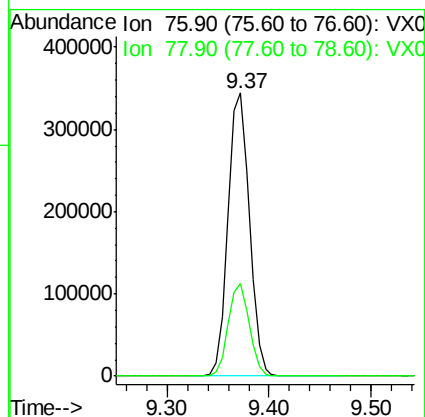
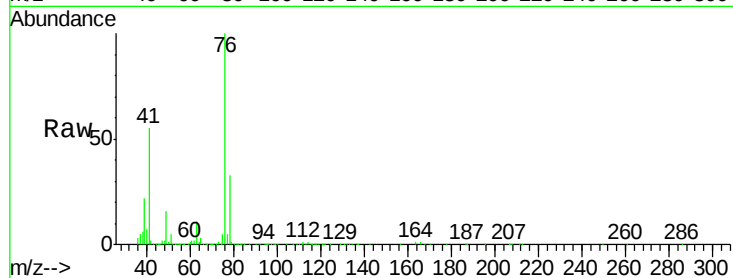
76 100

78 32.2 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 307.325 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006884.D

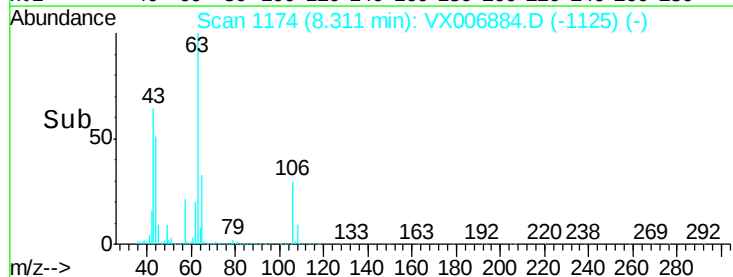
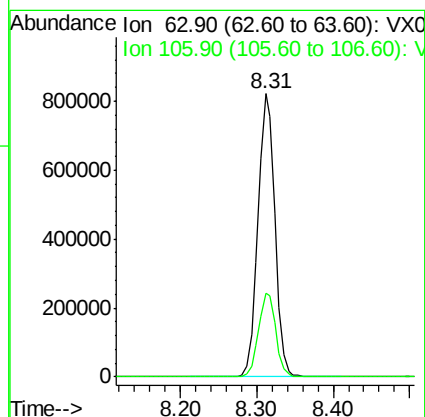
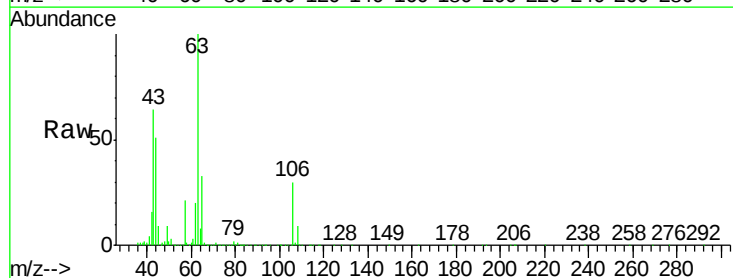
Acq: 03 Jan 2019 10:15

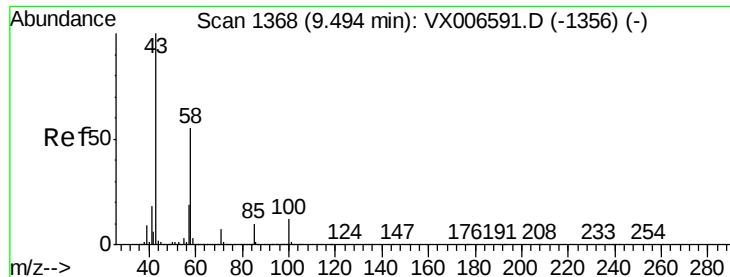
Tgt Ion: 63 Resp: 1276439

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8





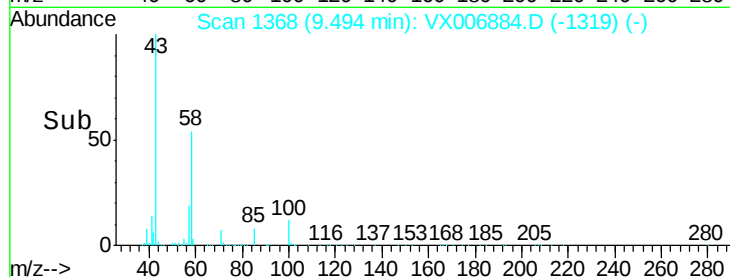
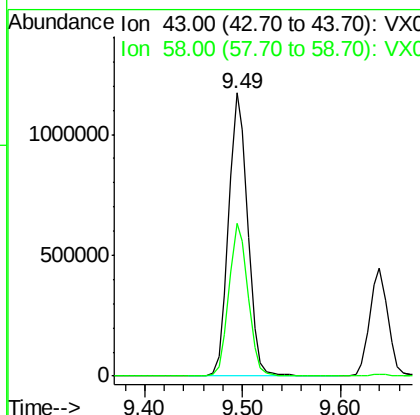
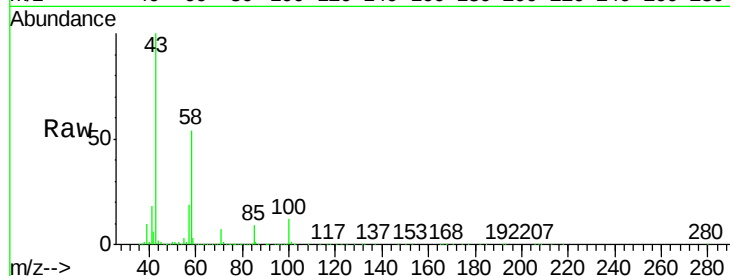
#59
2-Hexanone
Concen: 299.364 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1587338
Ion Ratio Lower Upper
43 100
58 54.1 27.7 83.1

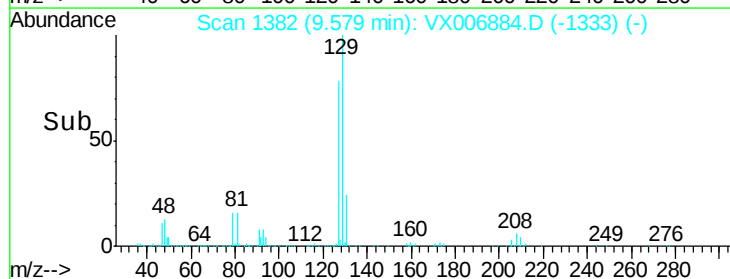
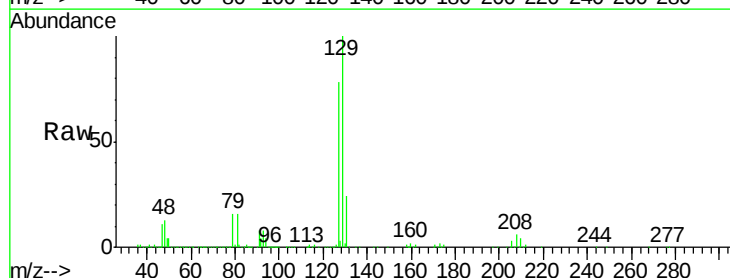
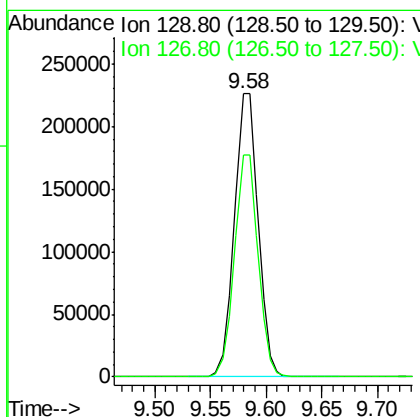
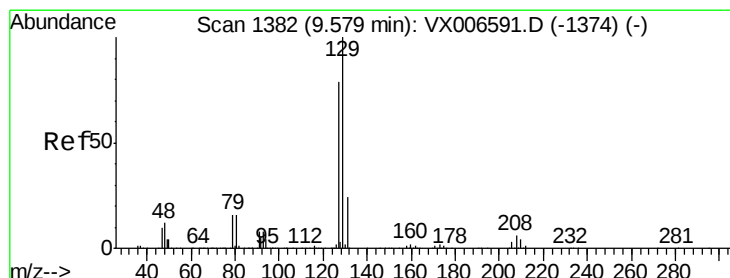
Manual Integrations
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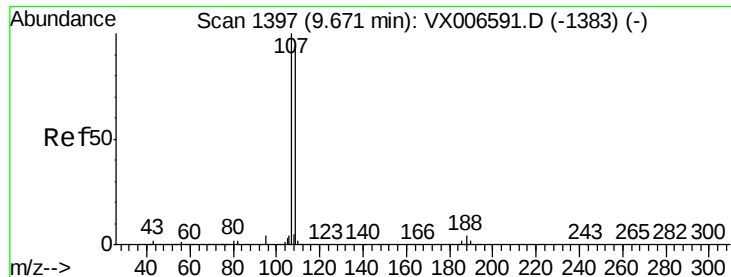
MMDadoda
1/4/2019 10:01:15 AM



#60
Dibromochloromethane
Concen: 57.517 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion: 129 Resp: 334677
Ion Ratio Lower Upper
129 100
127 77.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 57.160 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 335910

Ion Ratio Lower Upper

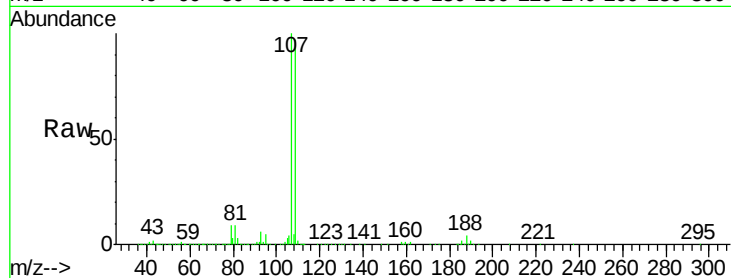
107 100

109 95.1 75.8 113.6

Manual Integrations
APPROVED

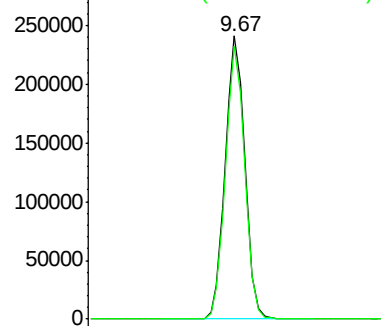
MMDadoda

1/4/2019 10:01:15 AM

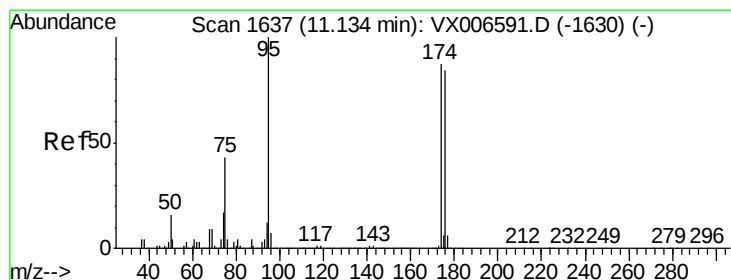
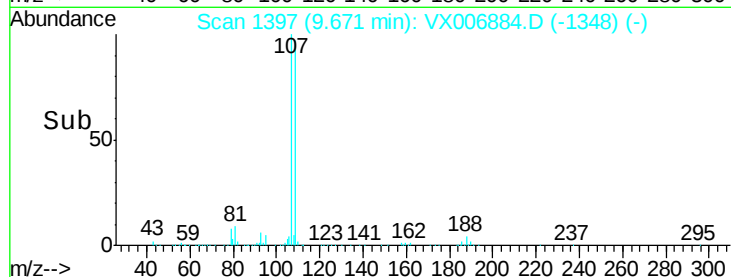


Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



Time-->



#62

4-Bromofluorobenzene

Concen: 55.634 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

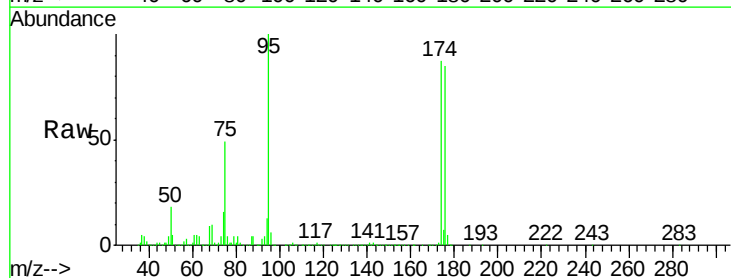
Tgt Ion: 95 Resp: 403384

Ion Ratio Lower Upper

95 100

174 95.7 0.0 182.2

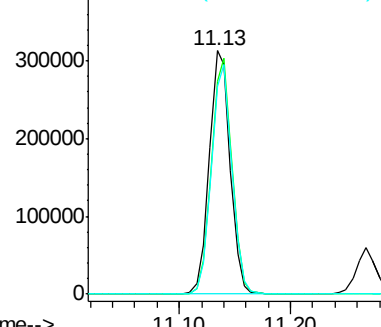
176 93.2 0.0 178.8



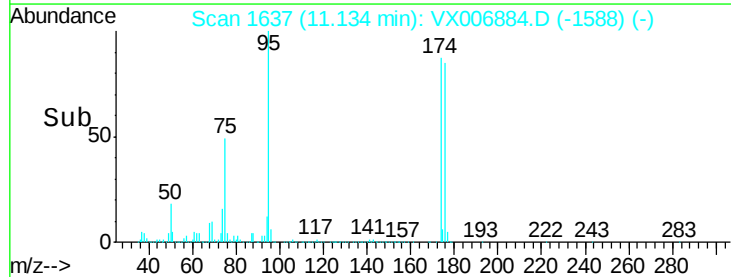
Abundance Ion 94.90 (94.60 to 95.60): VX0

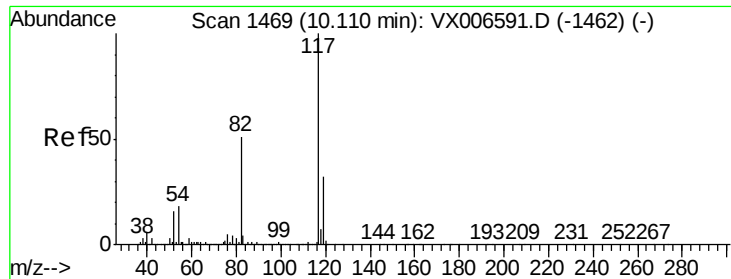
Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



Time-->





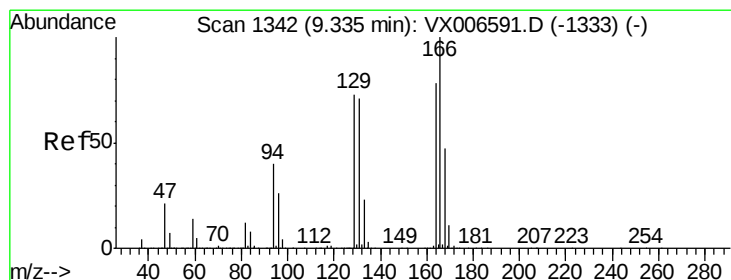
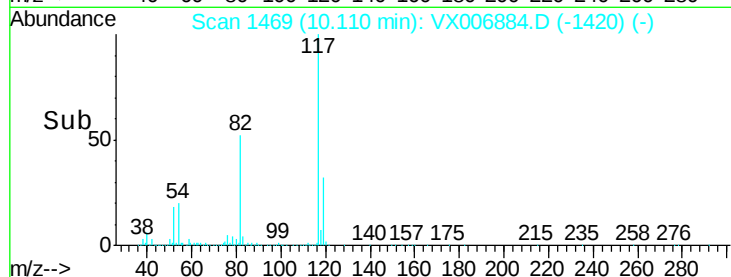
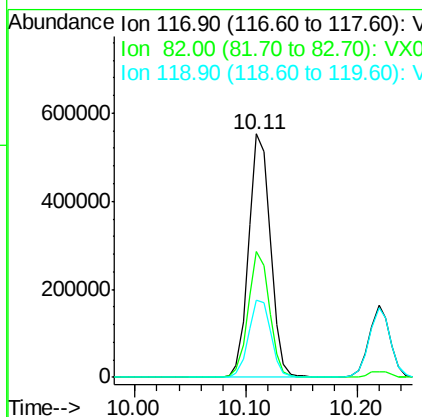
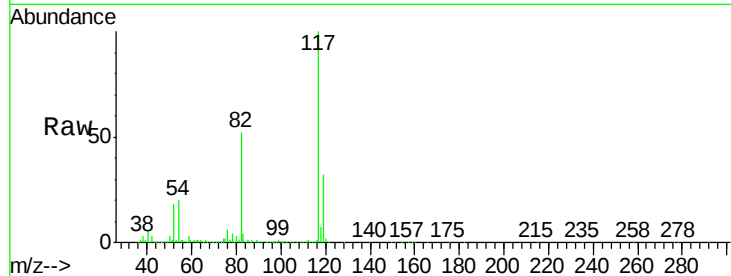
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.5	41.0	61.6
119	31.5	25.4	38.0

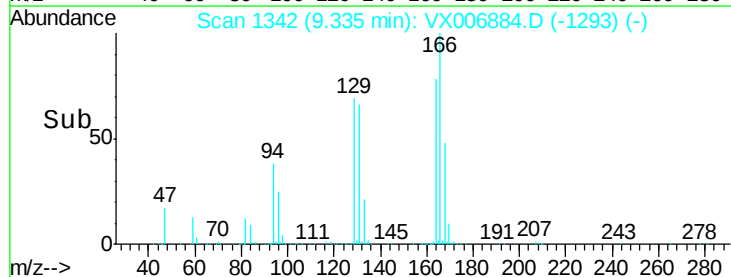
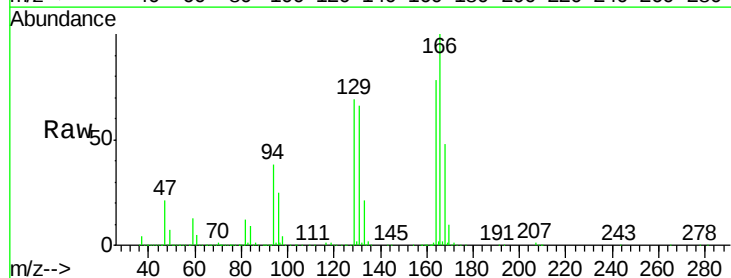
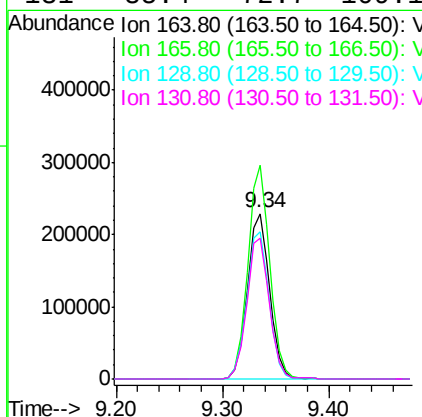
Manual Integrations
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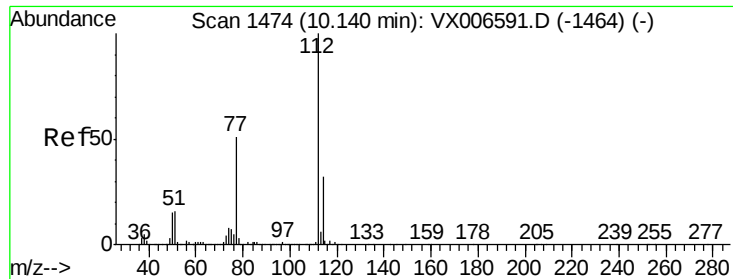
MMDadoda
1/4/2019 10:01:15 AM



#64
Tetrachloroethene
Concen: 56.332 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
164	100		
166	129.0	102.5	153.7
129	89.0	75.1	112.7
131	85.4	72.7	109.1





#65

Chlorobenzene

Concen: 54.444 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 866220

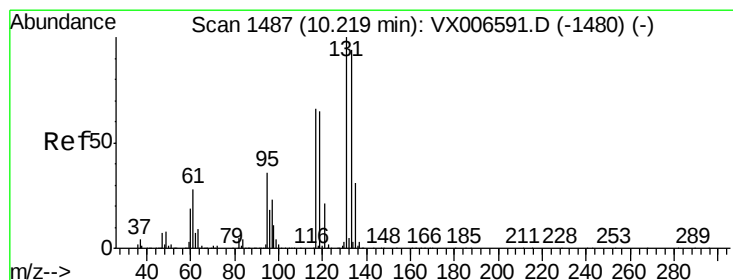
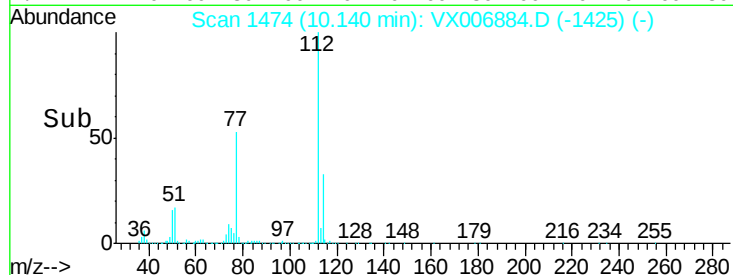
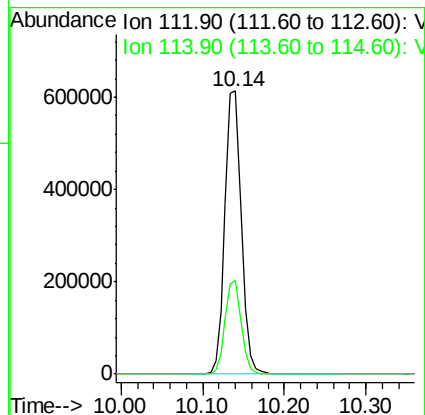
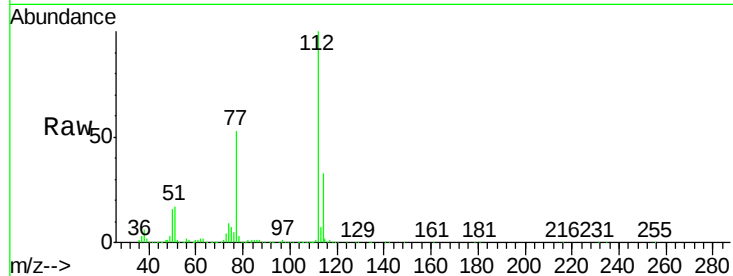
Ion Ratio Lower Upper

112 100

114 33.1 25.7 38.5

Manual Integrations
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1/4/2019 10:01:15 AM



#66

1,1,1,2-Tetrachloroethane

Concen: 64.570 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

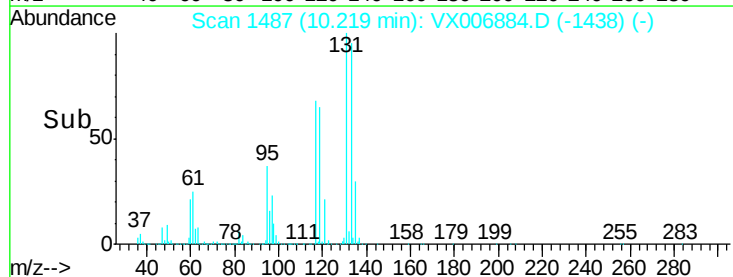
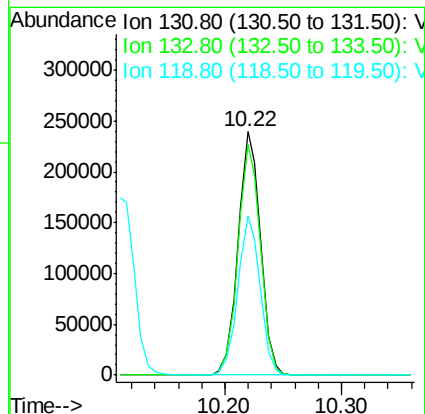
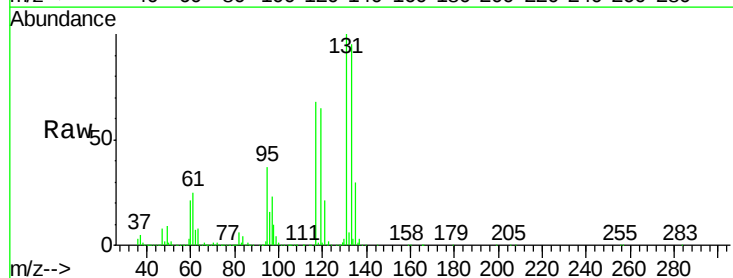
Tgt Ion:131 Resp: 320523

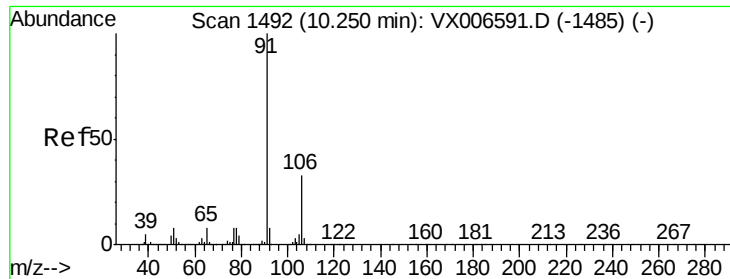
Ion Ratio Lower Upper

131 100

133 94.8 48.0 144.2

119 65.3 32.6 97.8





#67

Ethyl Benzene

Concen: 55.655 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1446937

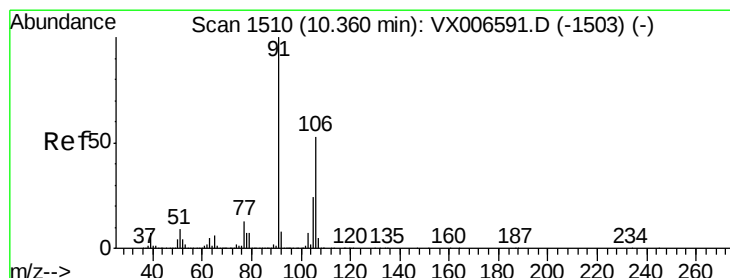
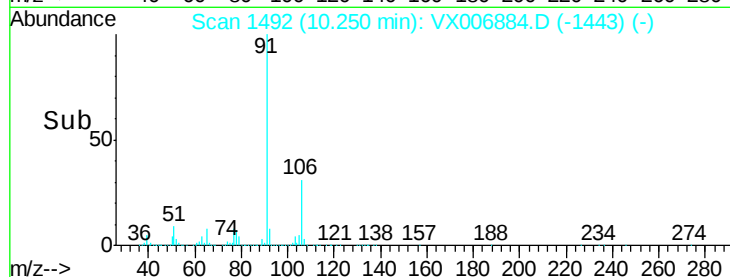
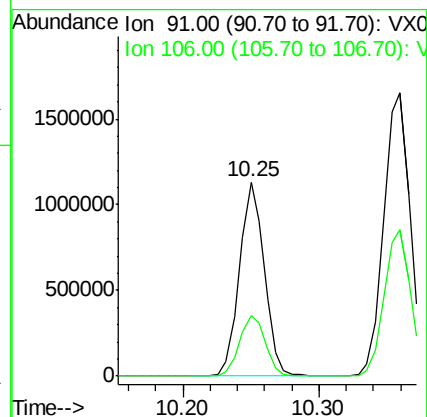
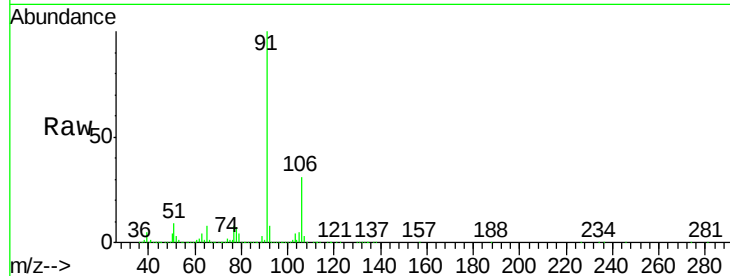
Ion Ratio Lower Upper

91 100

106 31.5 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 111.896 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006884.D

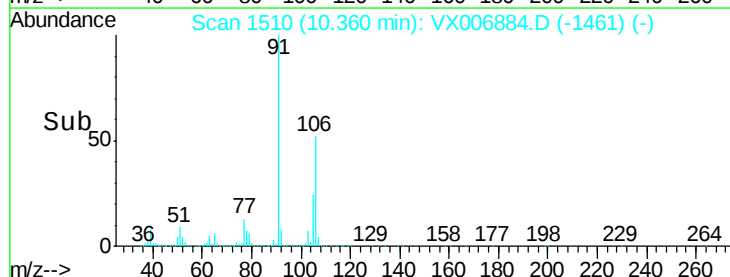
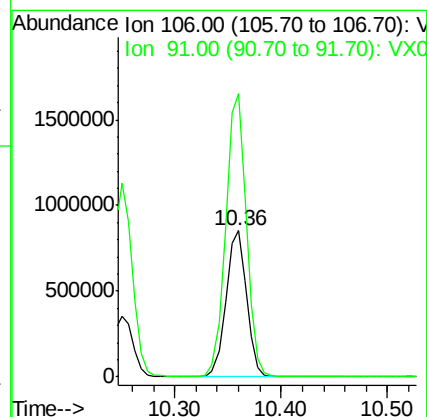
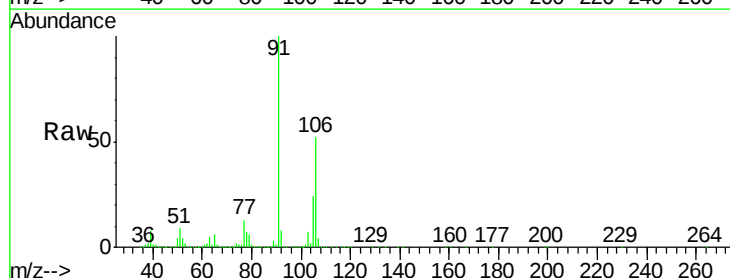
Acq: 03 Jan 2019 10:15

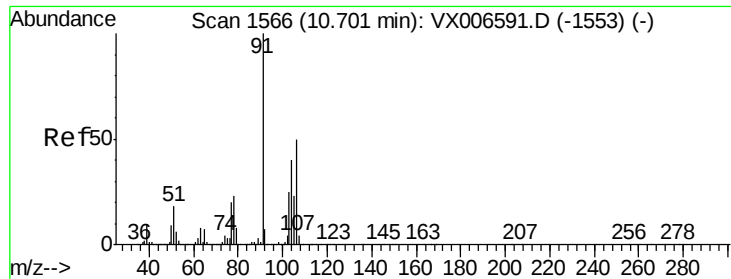
Tgt Ion: 106 Resp: 1147923

Ion Ratio Lower Upper

106 100

91 194.6 155.8 233.6





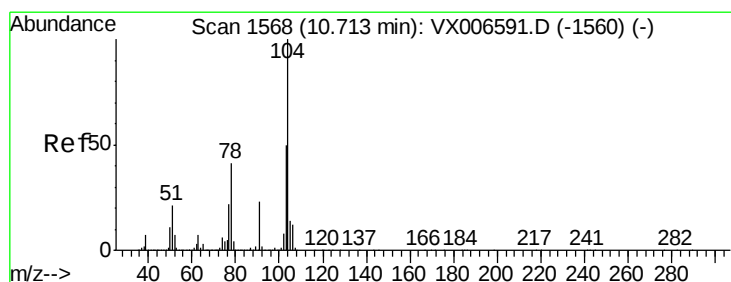
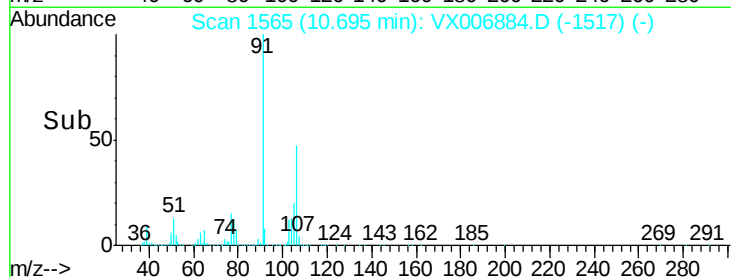
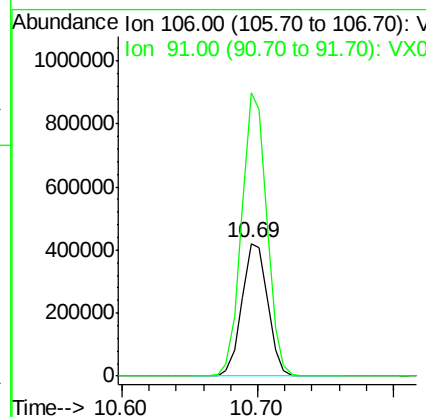
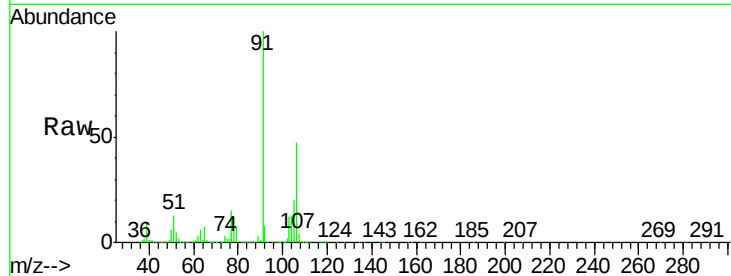
#69
o-Xylene
Concen: 54.930 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	208.7	101.3	303.7

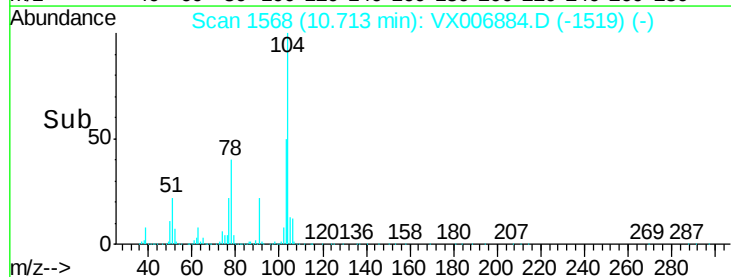
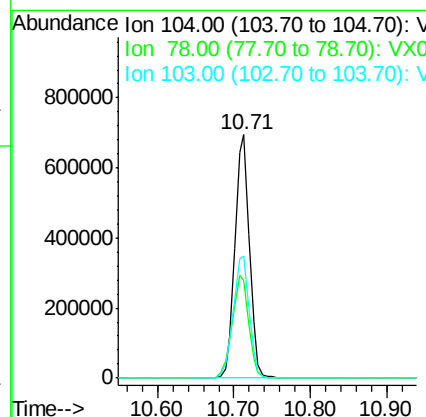
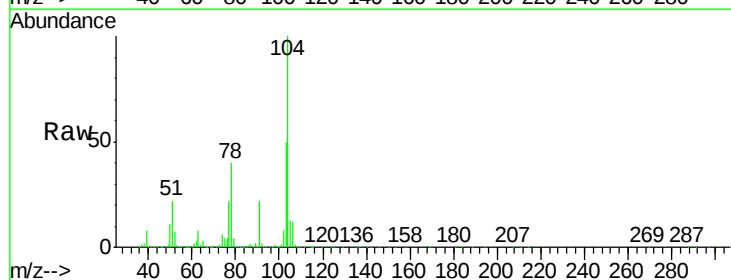
Manual Integrations
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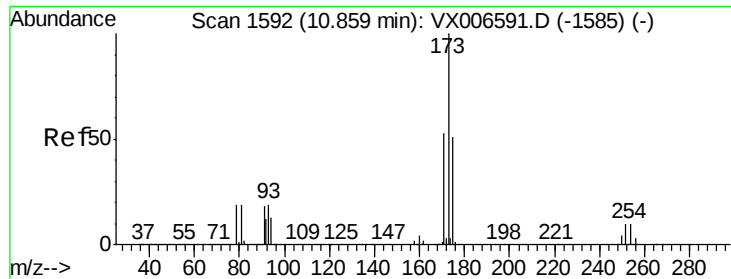
MMDadoda
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#70
Styrene
Concen: 57.192 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.4	37.7	56.5
103	55.5	43.8	65.8





#71

Bromoform

Concen: 56.094 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

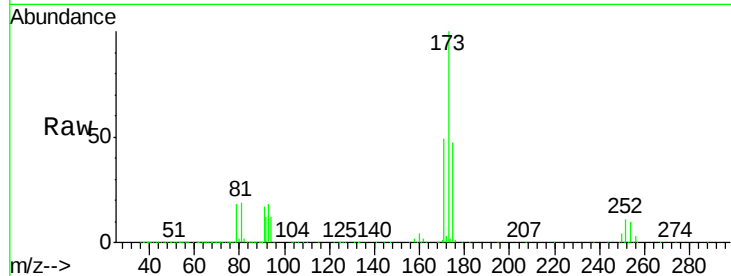
ClientSampleId :

VSTDCCC050

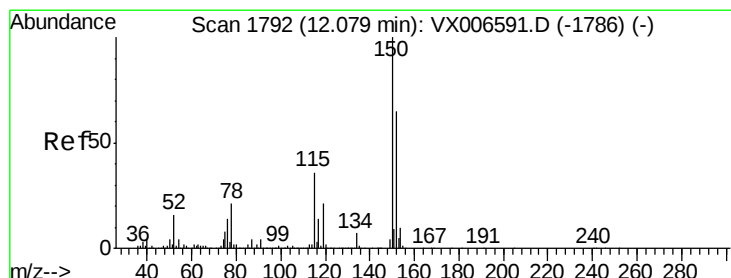
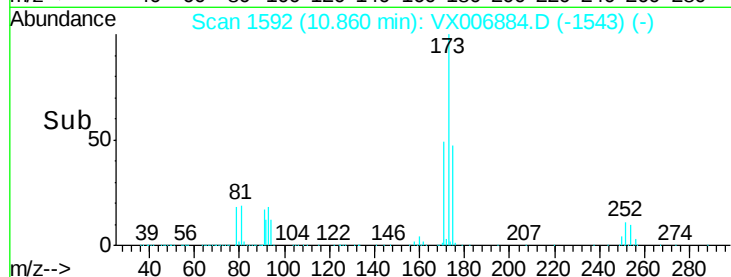
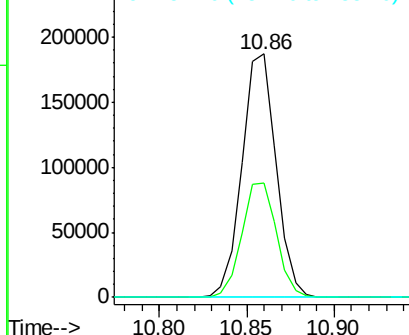
Tot Ion:	173	Resp:	253837
Ion Ratio	Lower	Upper	
173	100		
175	48.2	24.7	74.1
254	0.2	0.2	0.2

Manual Integrations
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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

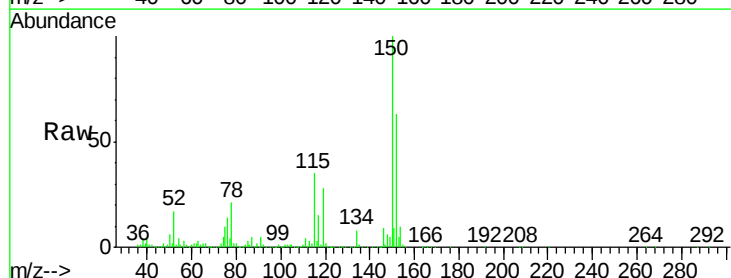
RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

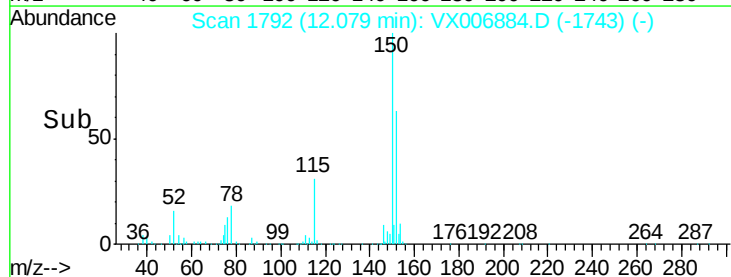
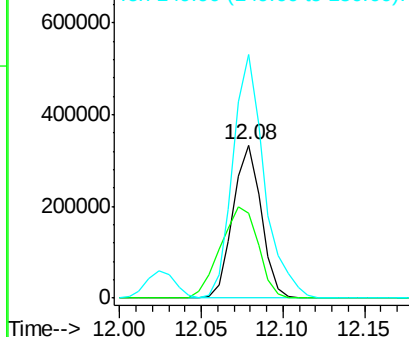
Lab File: VX006884.D

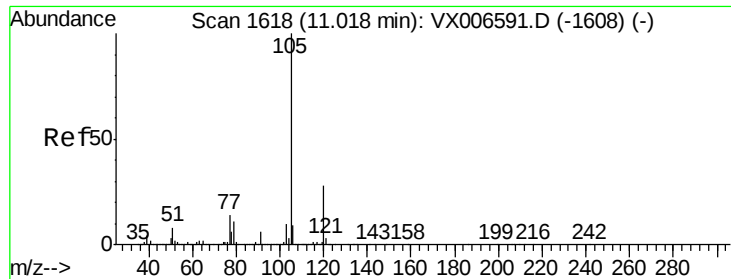
Acq: 03 Jan 2019 10:15

Tgt Ion:	152	Resp:	401960
Ion Ratio	Lower	Upper	
152	100		
115	79.9	39.1	117.2
150	176.9	0.0	344.8



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





#73

Isopropylbenzene

Concen: 54.124 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1488364

Ion Ratio Lower Upper

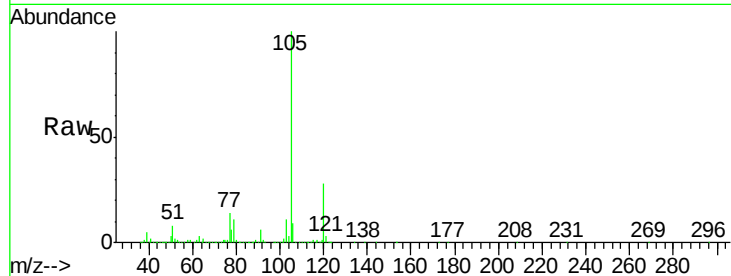
105 100

120 28.0 14.1 42.4

Manual Integrations
APPROVED

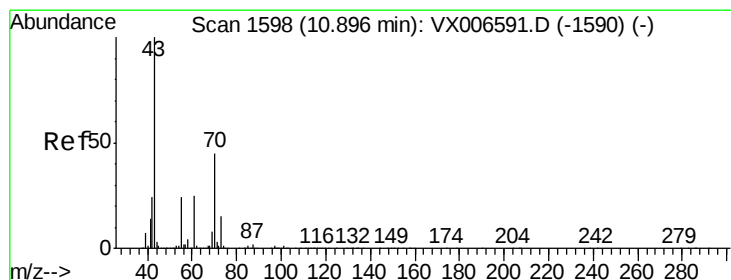
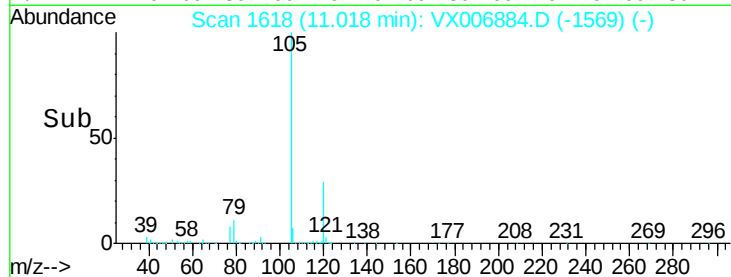
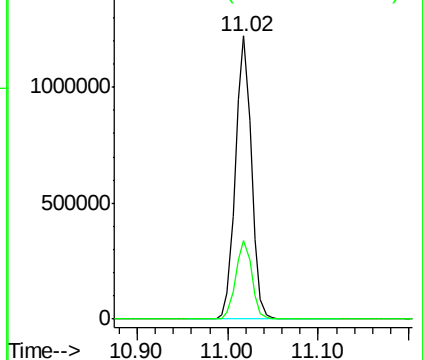
MMDadoda

1/4/2019 10:01:15 AM



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 60.845 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion: 43 Resp: 598899

Ion Ratio Lower Upper

43 100

70 41.7 35.8 53.8

55 23.0 19.4 29.0

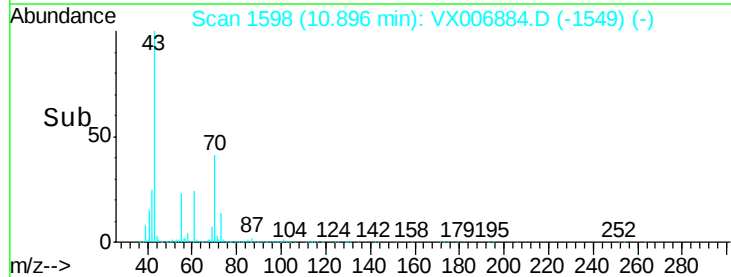
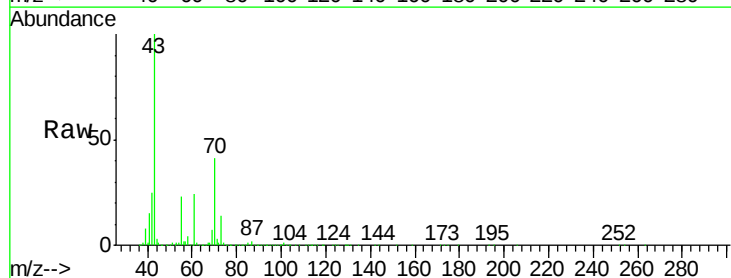
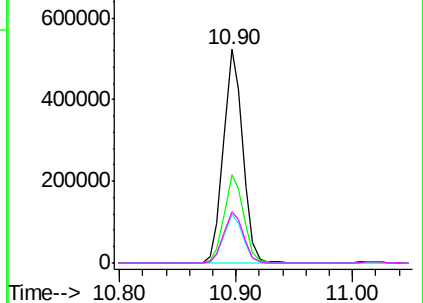
61 24.3 20.1 30.1

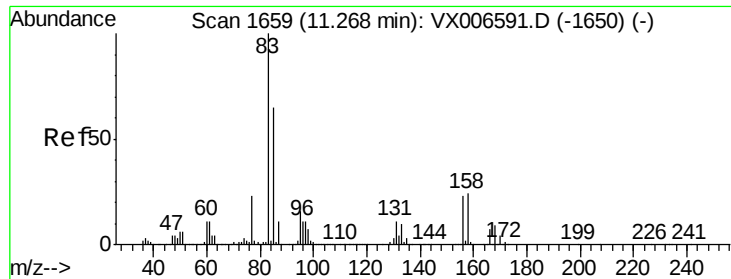
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 56.292 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 460365

Ion Ratio Lower Upper

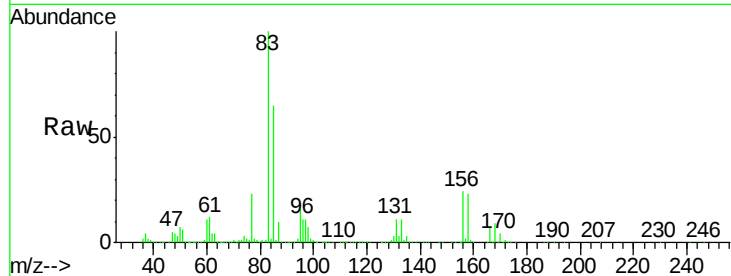
83 100

131 11.1 5.7 17.1

85 64.3 32.2 96.6

Manual Integrations
APPROVED

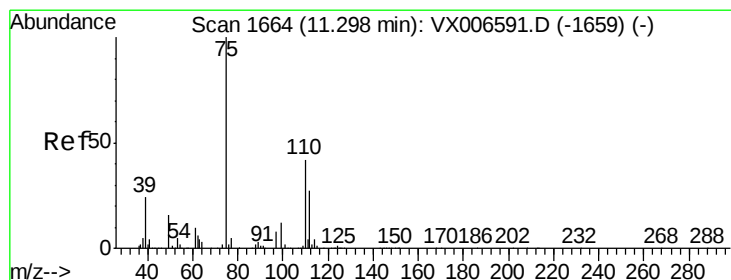
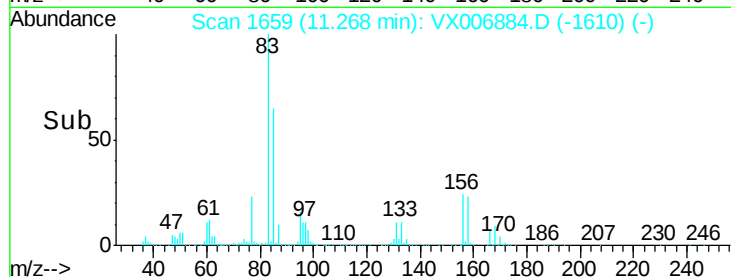
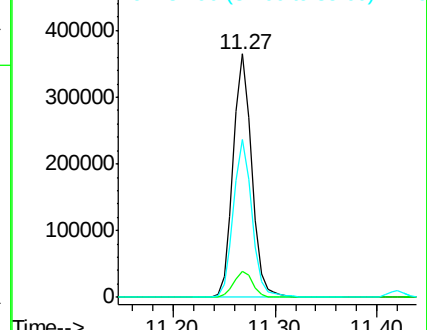
MMDadoda
1/4/2019 10:01:15 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 57.118 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006884.D

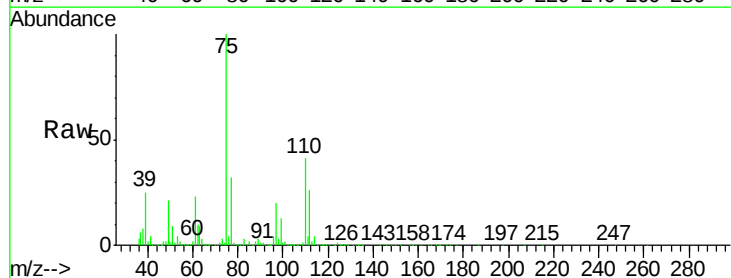
Acq: 03 Jan 2019 10:15

Tgt Ion: 75 Resp: 426680

Ion Ratio Lower Upper

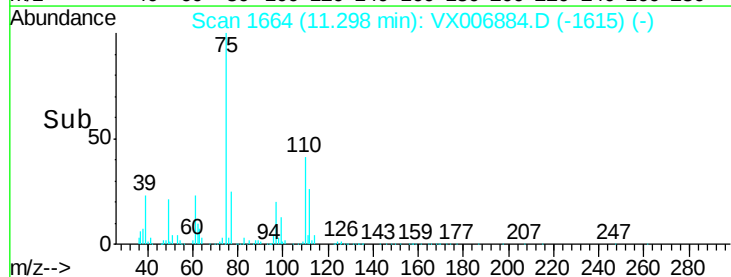
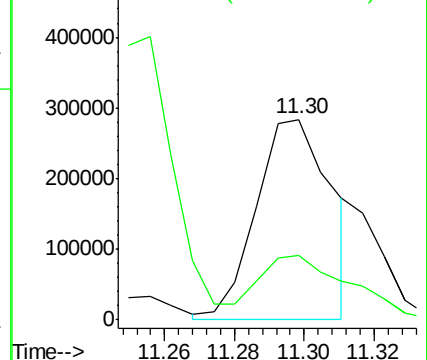
75 100

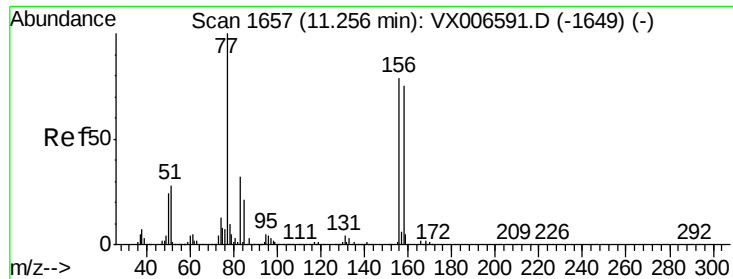
77 38.0 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 54.361 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

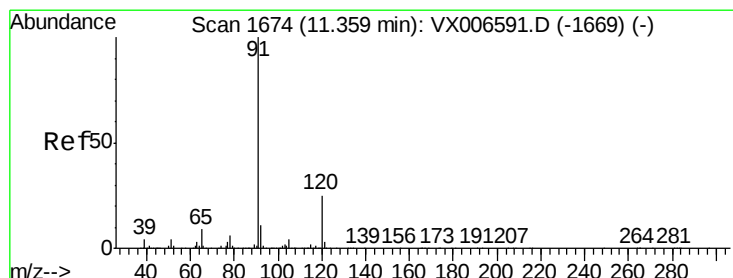
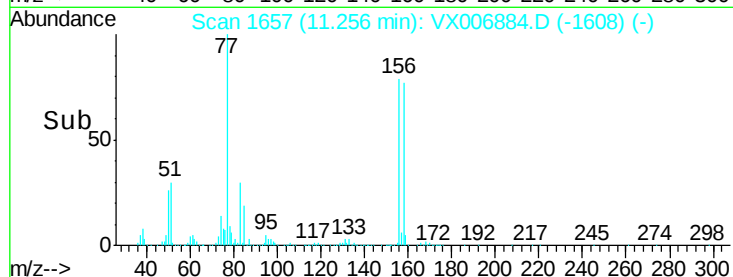
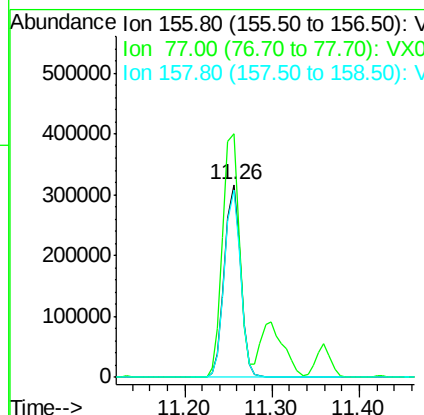
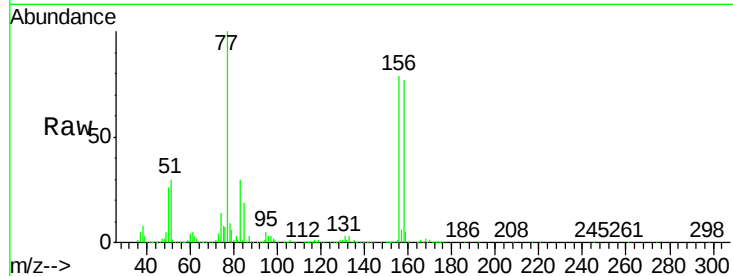
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.9	68.0	204.0
158	97.2	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 55.564 ug/l

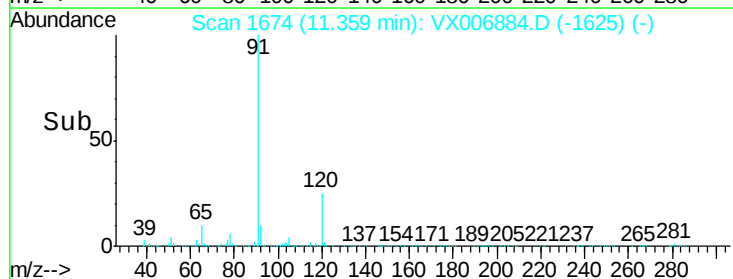
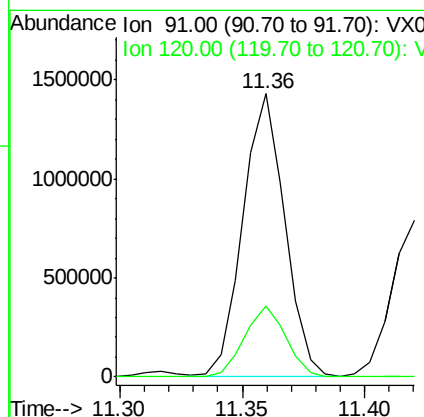
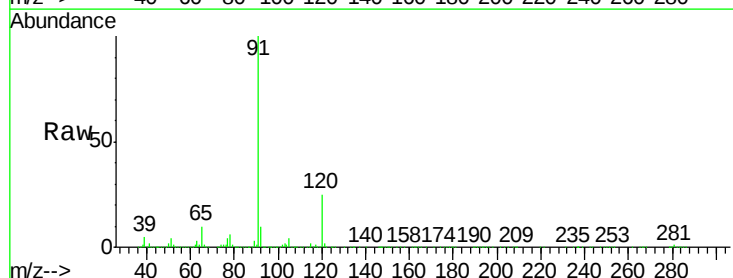
RT: 11.36 min Scan# 1674

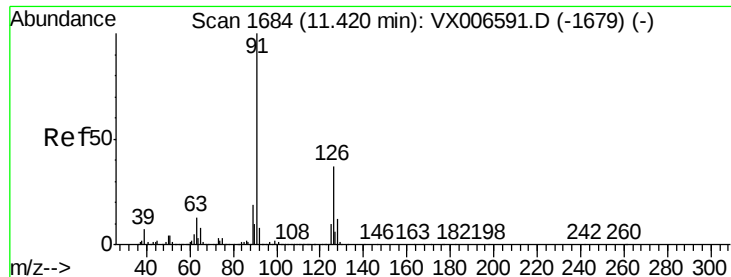
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 52.800 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 968930

Ion Ratio Lower Upper

91 100

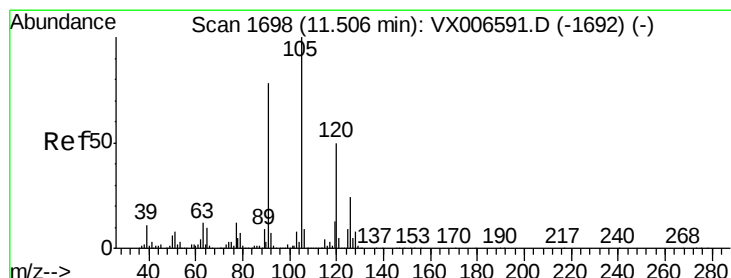
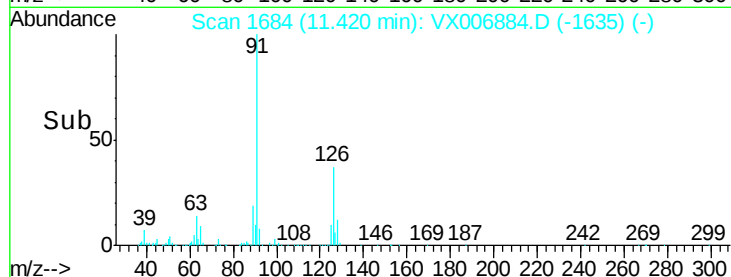
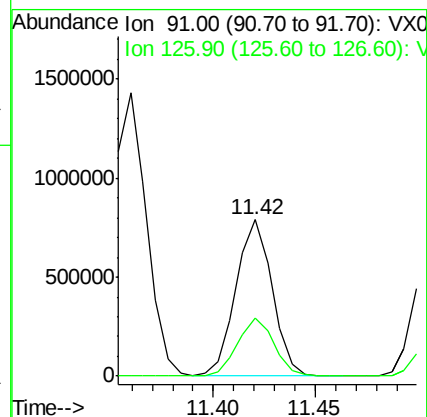
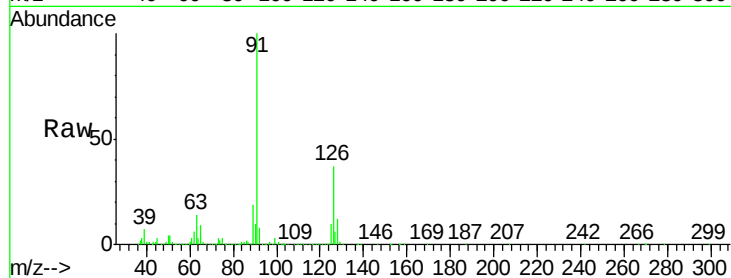
126 37.4 18.6 56.0

Manual Integrations

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#80

1,3,5-Trimethylbenzene

Concen: 54.927 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006884.D

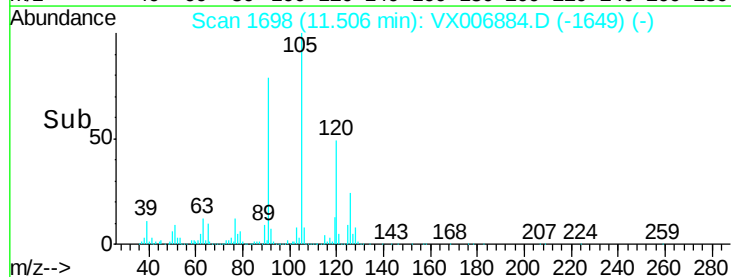
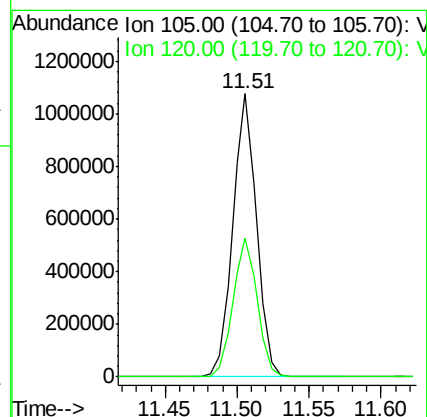
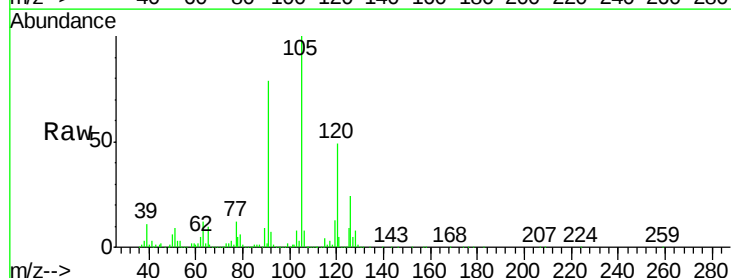
Acq: 03 Jan 2019 10:15

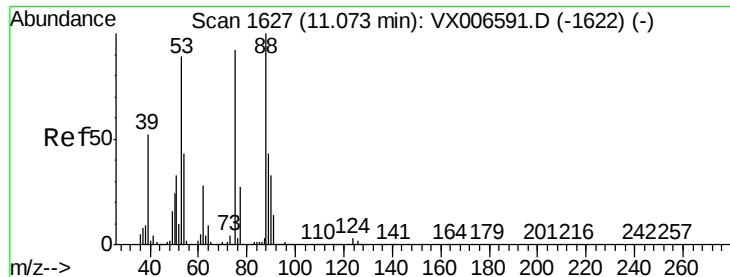
Tgt Ion: 105 Resp: 1244091

Ion Ratio Lower Upper

105 100

120 50.0 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 54.753 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

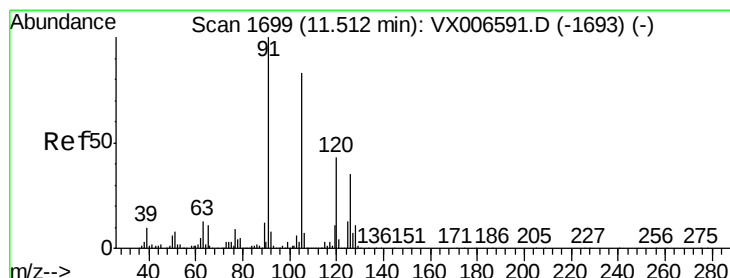
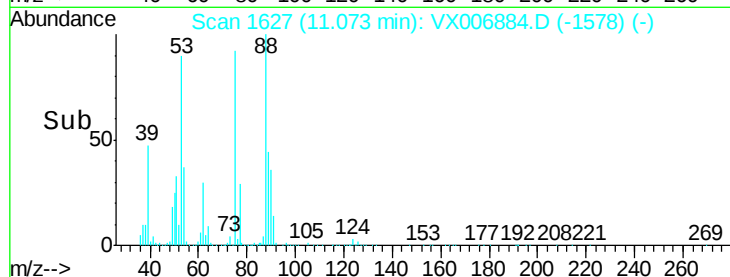
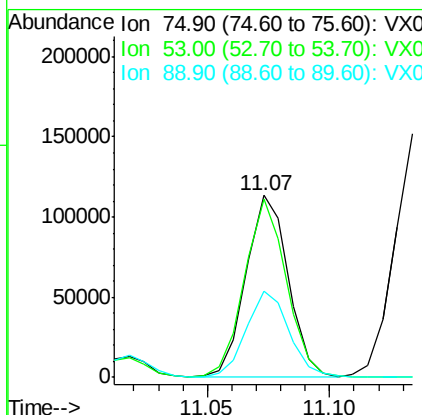
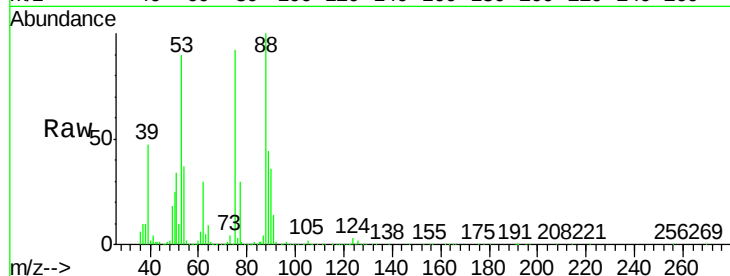
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	135478
Ion Ratio	Lower	Upper	
75	100		
53	97.5	79.7	119.5
89	48.2	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 54.558 ug/l

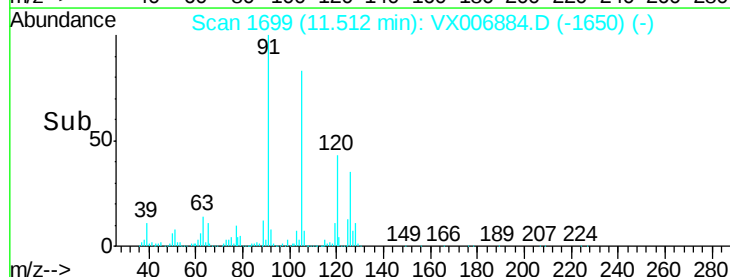
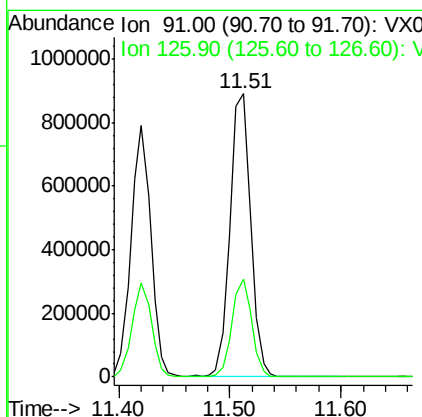
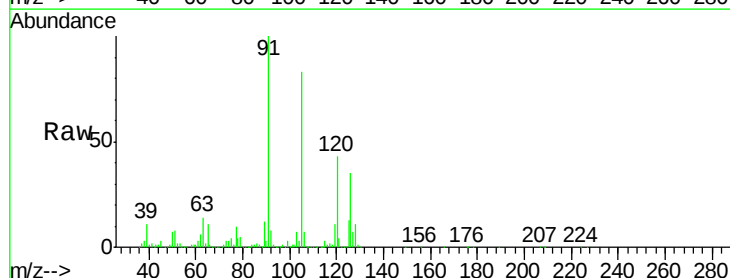
RT: 11.51 min Scan# 1699

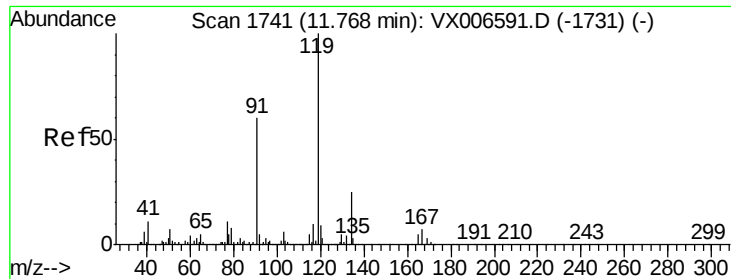
Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Tgt Ion:	91	Resp:	1148434
Ion Ratio	Lower	Upper	
91	100		
126	32.9	16.3	48.9





#83

tert-Butylbenzene

Concen: 55.983 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1269087

Ion Ratio Lower Upper

119 100

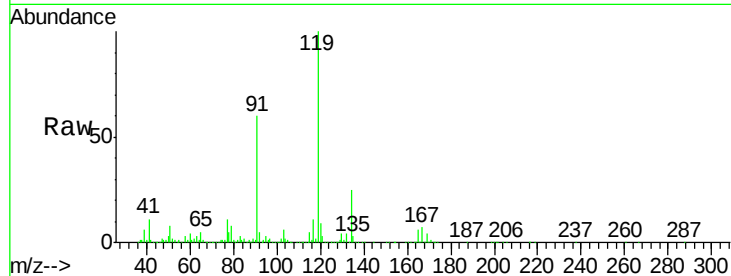
91 54.5 27.7 83.1

134 23.4 11.9 35.5

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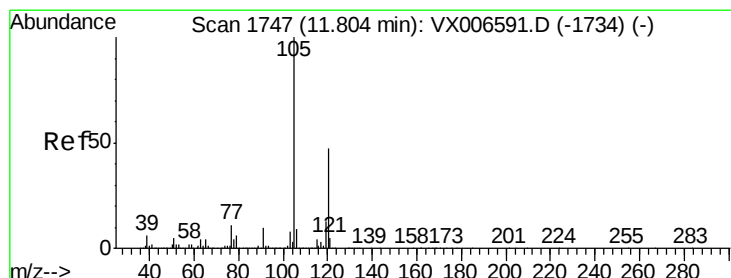
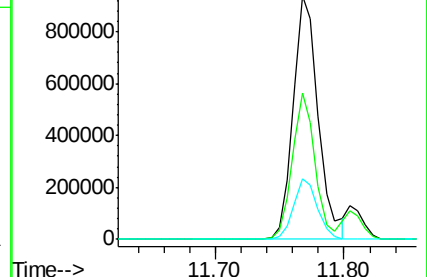
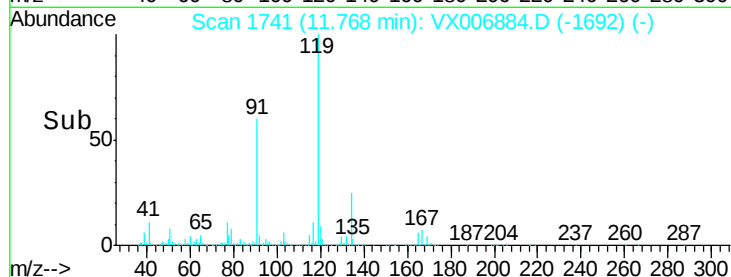
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 52.899 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006884.D

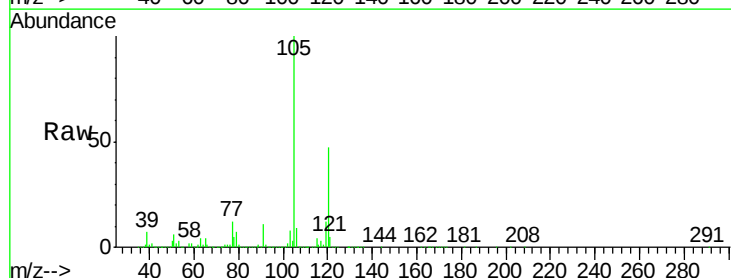
Acq: 03 Jan 2019 10:15

Tgt Ion:105 Resp: 1260264

Ion Ratio Lower Upper

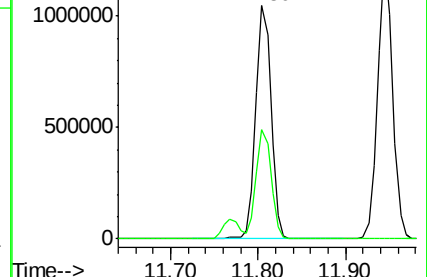
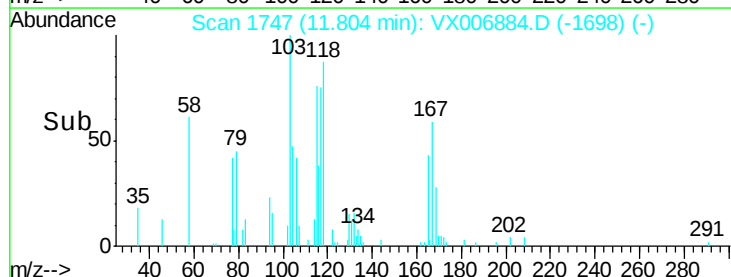
105 100

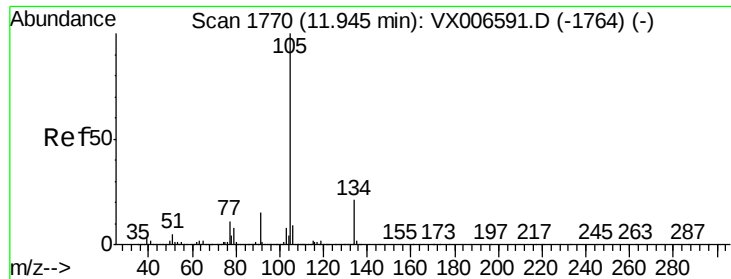
120 46.1 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.953 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion:105 Resp: 1499543

Ion Ratio Lower Upper

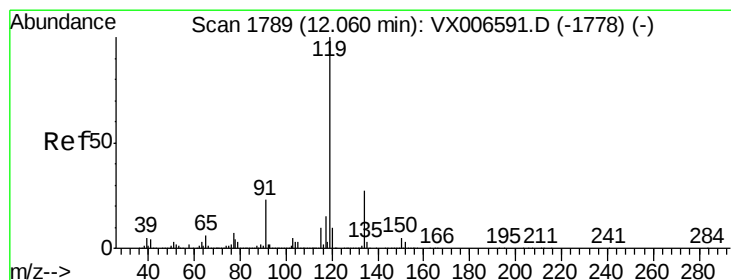
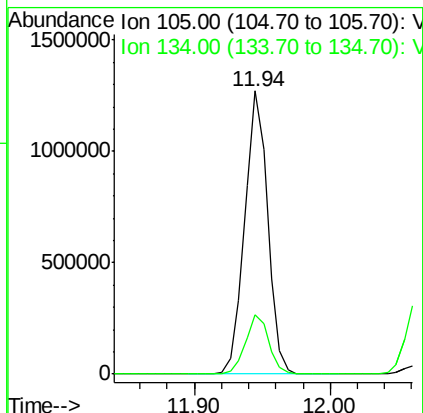
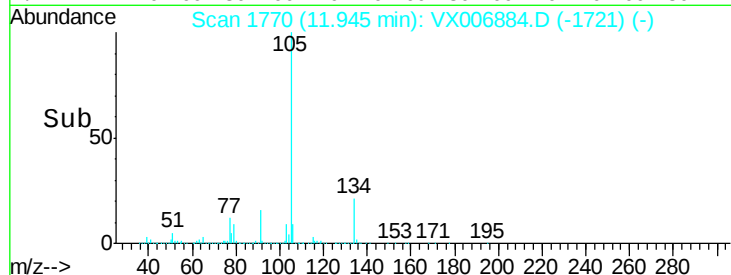
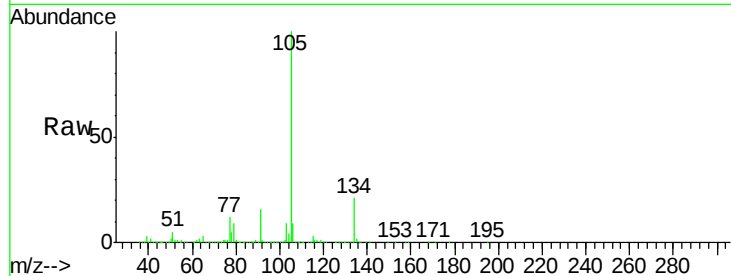
105 100

134 21.1 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 55.510 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

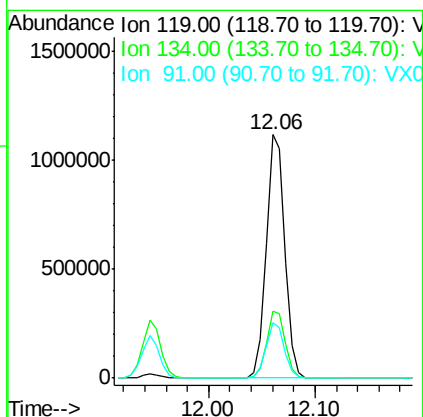
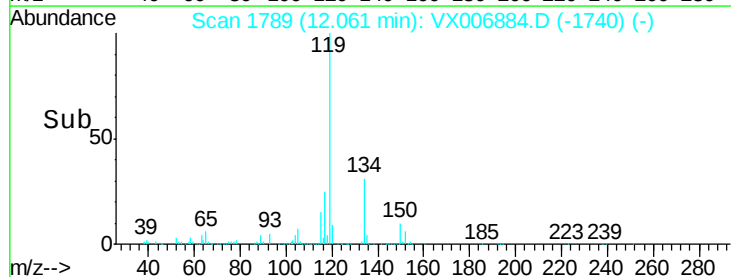
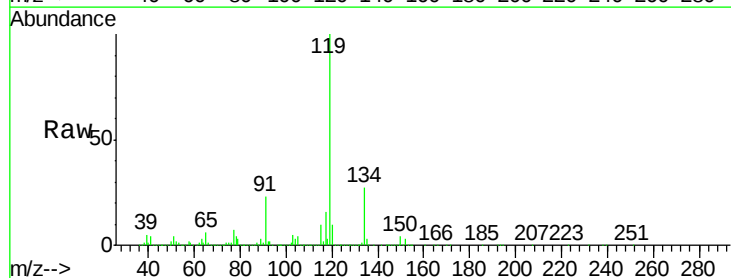
Tgt Ion:119 Resp: 1356184

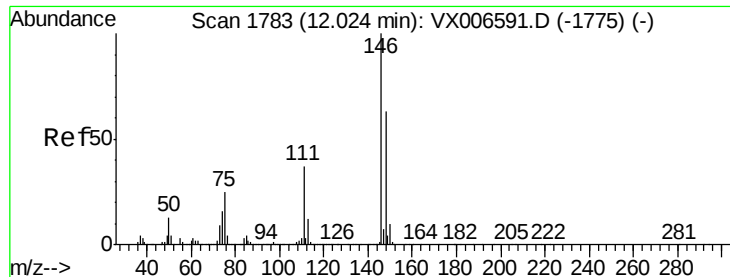
Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.4 11.3 33.9





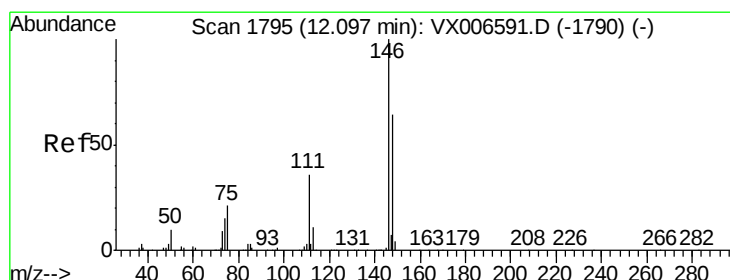
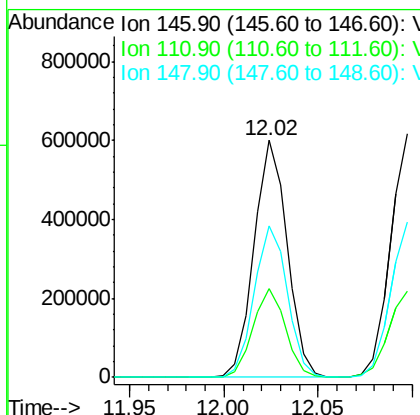
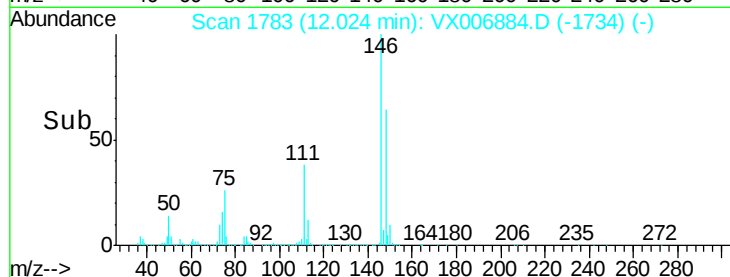
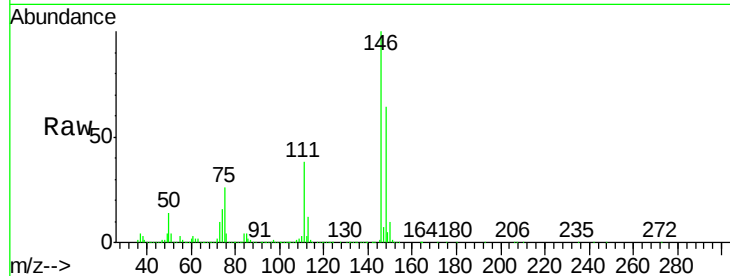
#87
 1,3-Dichlorobenzene
 Concen: 54.598 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.1	31.8	95.3

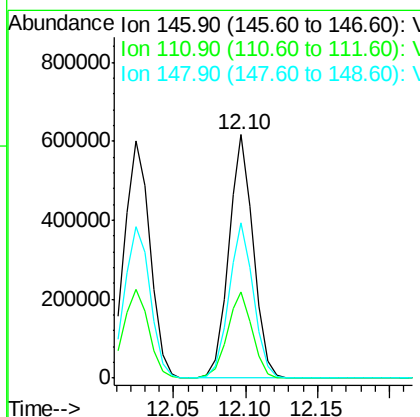
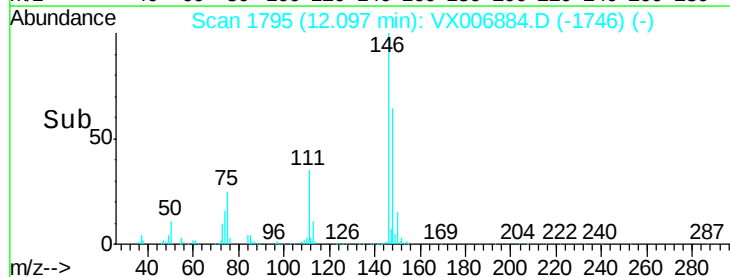
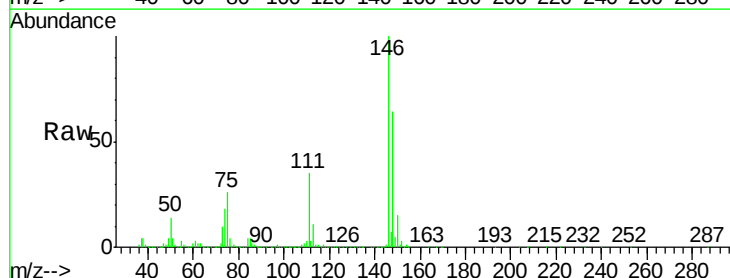
Manual Integrations
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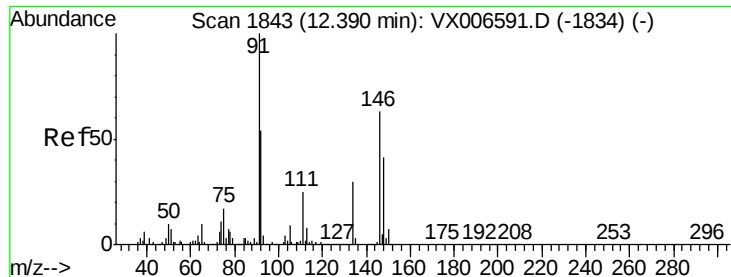
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#88
 1,4-Dichlorobenzene
 Concen: 53.354 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.2	18.1	54.1
148	64.0	31.9	95.9





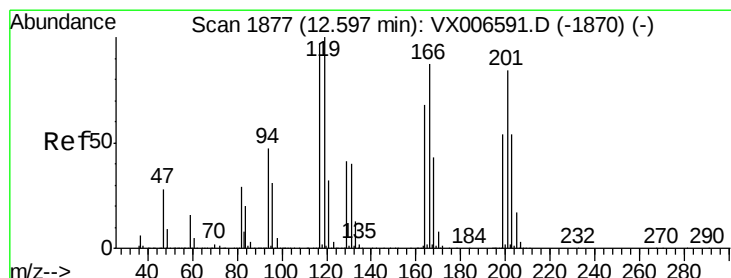
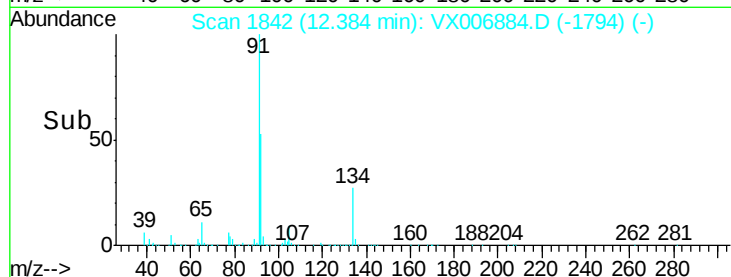
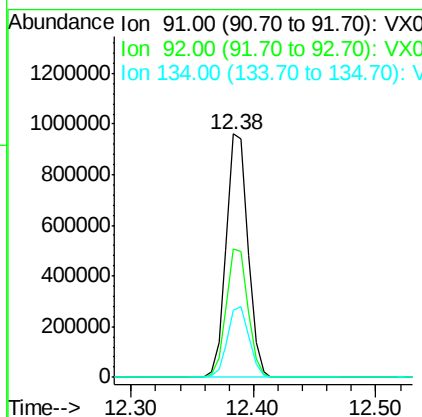
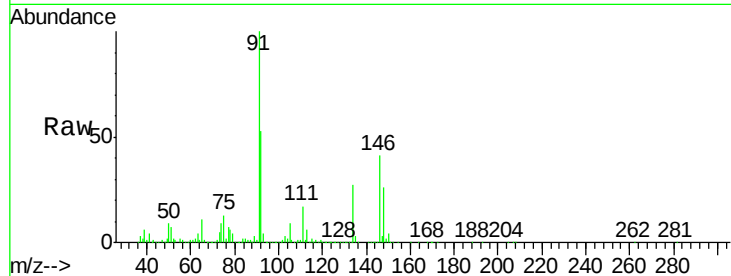
#89
n-Butylbenzene
Concen: 56.566 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1176138
Ion Ratio Lower Upper
91 100
92 53.1 26.8 80.4
134 28.8 14.4 43.2

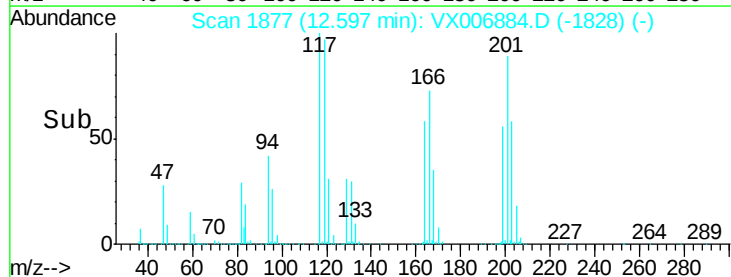
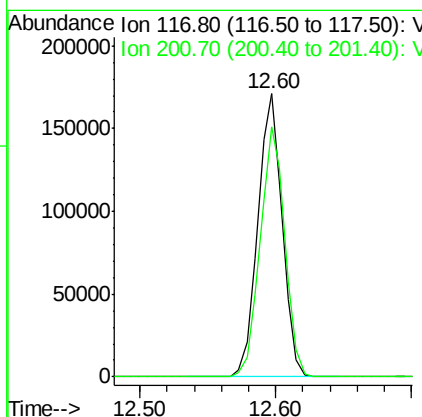
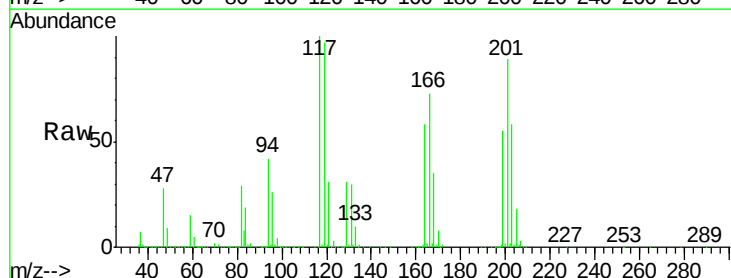
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#90
Hexachloroethane
Concen: 55.976 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006884.D
Acq: 03 Jan 2019 10:15

Tgt Ion: 117 Resp: 215646
Ion Ratio Lower Upper
117 100
201 89.1 42.9 128.7





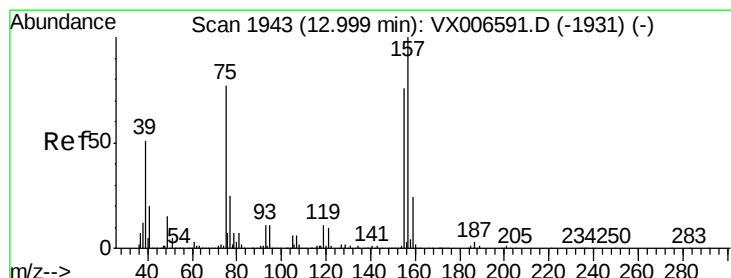
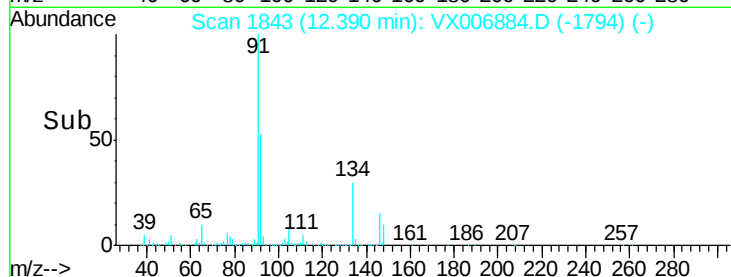
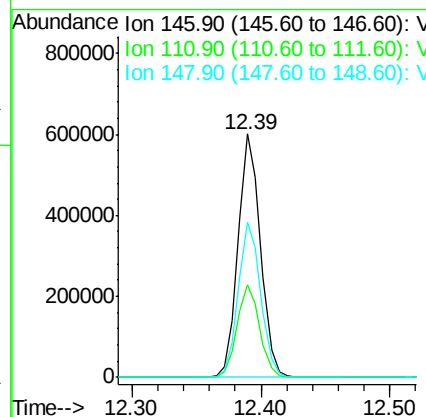
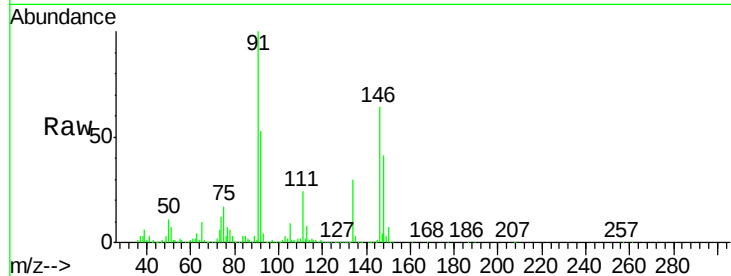
#91
 1,2-Dichlorobenzene
 Concen: 54.514 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.3	19.4	58.2
148	64.1	32.3	96.9

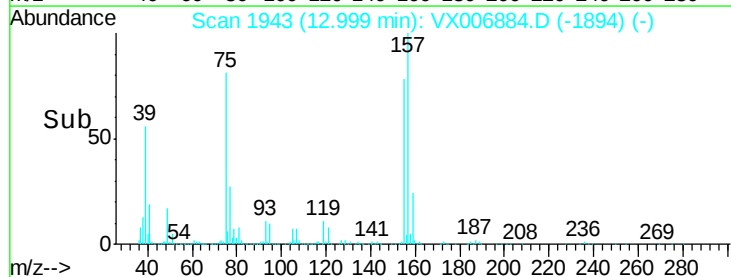
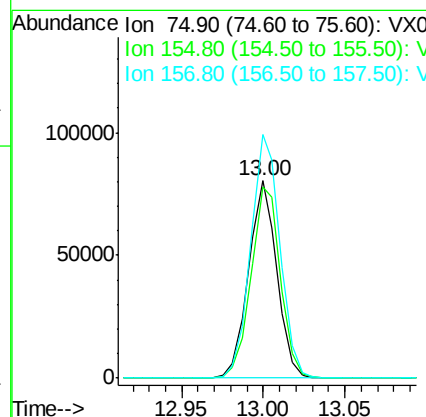
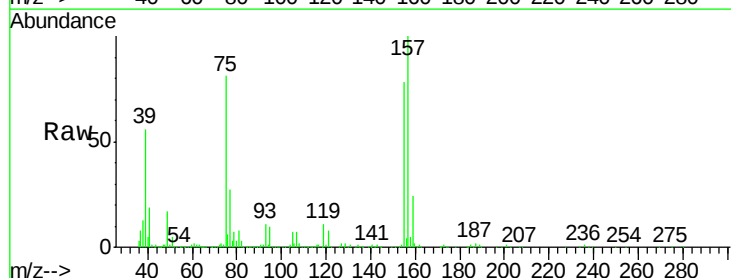
Manual Integrations
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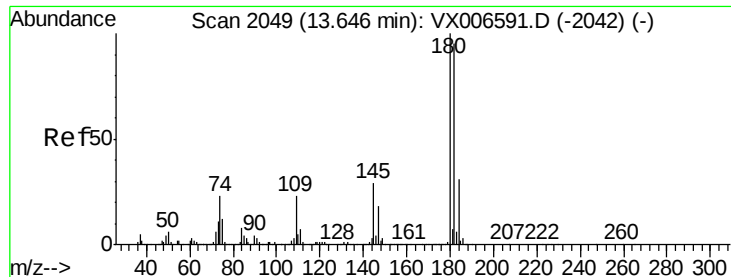
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 1/4/2019 10:01:15 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 57.089 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.6	50.6	151.8
157	128.7	64.6	193.8





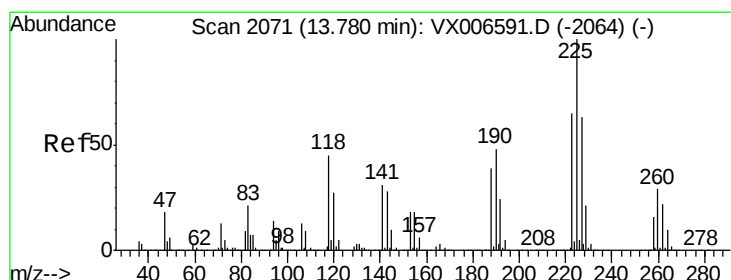
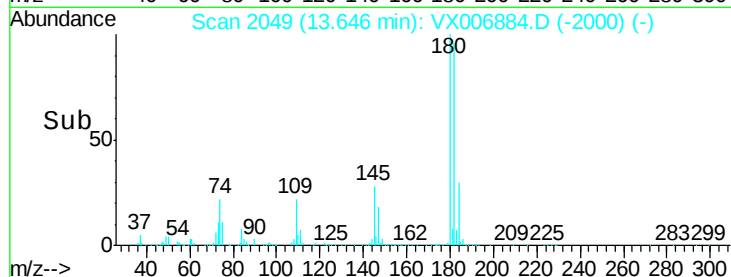
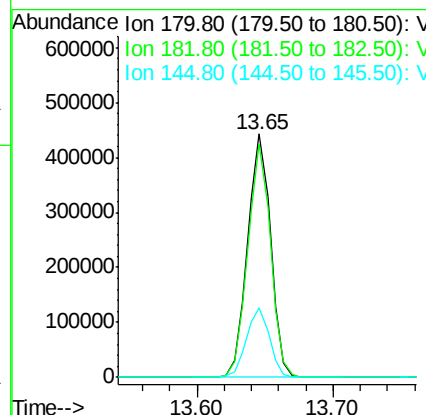
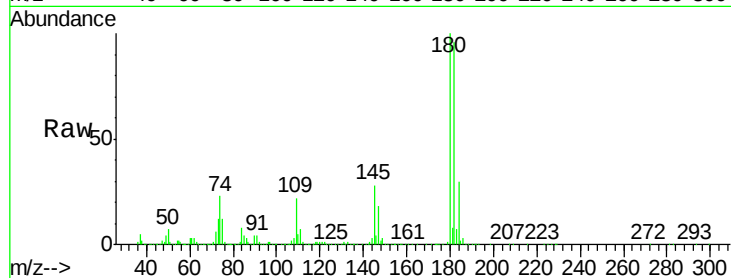
#93
 1,2,4-Trichlorobenzene
 Concen: 56.583 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	523141		
182	94.9	47.3	142.0	
145	28.6	14.8	44.3	

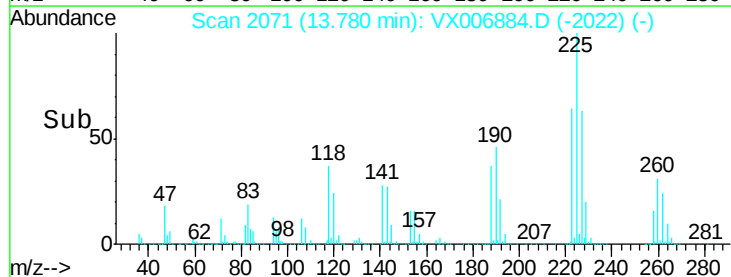
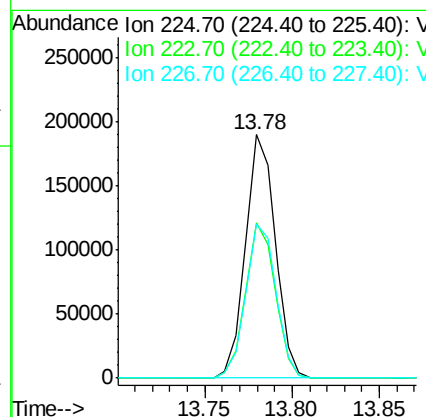
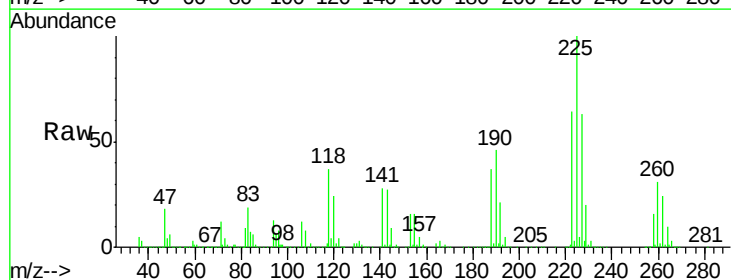
Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:15 AM



#94
 Hexachlorobutadiene
 Concen: 51.909 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. 0.00 min
 Lab File: VX006884.D
 Acq: 03 Jan 2019 10:15

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	226211		
223	63.6	32.1	96.3	
227	64.5	32.3	96.8	





#95

Naphthalene

Concen: 51.681 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1525047

Ion Ratio Lower Upper

128 100

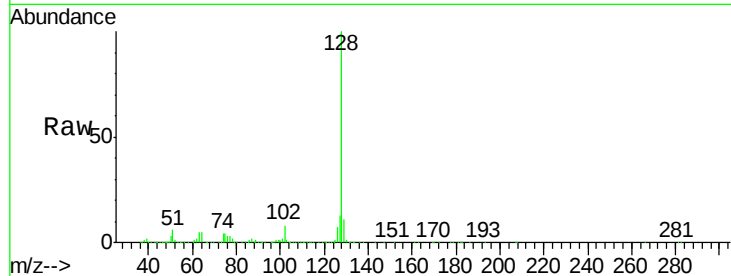
127 12.9 10.1 15.1

129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda

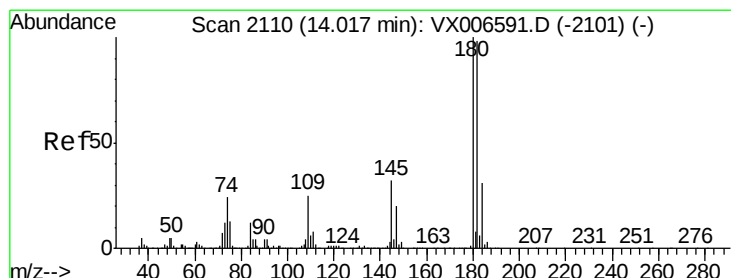
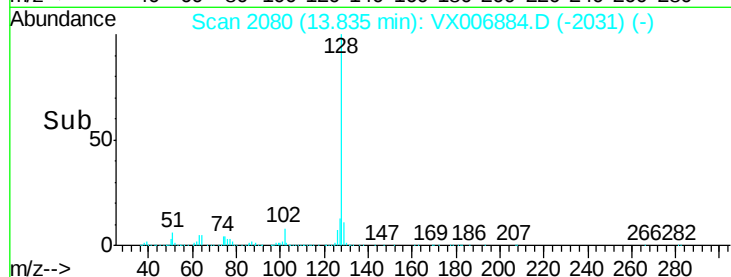
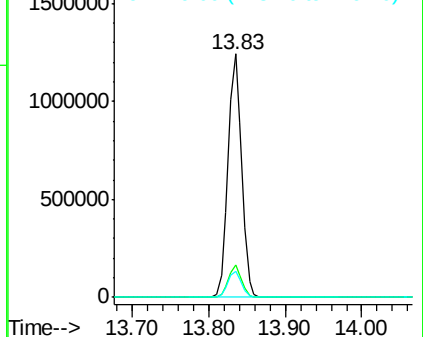
1/4/2019 10:01:15 AM



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 53.824 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. 0.00 min

Lab File: VX006884.D

Acq: 03 Jan 2019 10:15

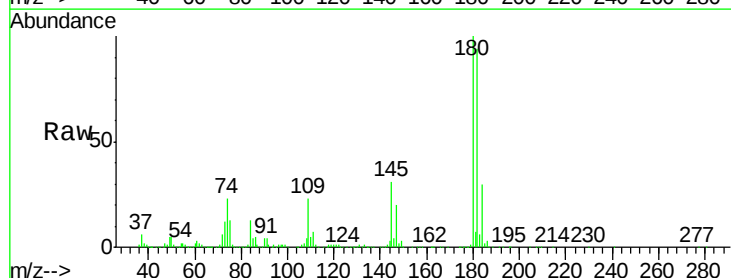
Tgt Ion:180 Resp: 513804

Ion Ratio Lower Upper

180 100

182 95.3 48.5 145.5

145 30.3 16.0 47.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

