

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010319\
 Data File : VX006907.D
 Acq On : 03 Jan 2019 20:45
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:37 AM

Quant Time: Jan 04 01:54:37 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	5.67	168	537418	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	802217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	720914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371017	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	282124	48.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.42%	
35) Dibromofluoromethane	5.50	113	258303	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
50) Toluene-d8	8.71	98	949923	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
62) 4-Bromofluorobenzene	11.13	95	333303	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	189638	38.572	ug/l	99
3) Chloromethane	1.32	50	210736	39.786	ug/l	95
4) Vinyl Chloride	1.41	62	237110	42.862	ug/l	99
5) Bromomethane	1.64	94	235841	45.512	ug/l	97
6) Chloroethane	1.71	64	160682	41.949	ug/l	96
7) Trichlorofluoromethane	1.92	101	401898	46.598	ug/l	99
8) Diethyl Ether	2.19	74	162242	47.361	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	234555	46.318	ug/l	98
10) Methyl Iodide	2.51	142	358689	49.482	ug/l	100
11) Tert butyl alcohol	3.08	59	308033	238.300	ug/l	99
12) 1,1-Dichloroethene	2.37	96	222620	46.363	ug/l	97
13) Acrolein	2.30	56	191149	219.203	ug/l	99
14) Allyl chloride	2.73	41	389081	48.140	ug/l	100
15) Acrylonitrile	3.15	53	739645	257.712	ug/l	100
16) Acetone	2.45	43	607852	228.425	ug/l	99
17) Carbon Disulfide	2.57	76	468488	36.868	ug/l	99
18) Methyl Acetate	2.78	43	456167	58.298	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	832230	52.221	ug/l	98
20) Methylene Chloride	2.85	84	262315	47.671	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	234211	44.022	ug/l	99
22) Diisopropyl ether	3.87	45	763831	51.659	ug/l	94
23) Vinyl Acetate	3.82	43	3069063	253.754	ug/l	100
24) 1,1-Dichloroethane	3.70	63	413319	46.826	ug/l	100
25) 2-Butanone	4.70	43	902548	241.123	ug/l	98
26) 2,2-Dichloropropane	4.58	77	286967	42.088	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	279472	47.611	ug/l	100
28) Bromochloromethane	5.02	49	190650	51.286	ug/l	97
29) Tetrahydrofuran	5.15	42	612509	248.449	ug/l	97
30) Chloroform	5.21	83	445368	48.725	ug/l	96
31) Cyclohexane	5.57	56	332751	41.496	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	376356	48.763	ug/l	98
36) 1,1-Dichloropropene	5.80	75	307107	46.222	ug/l	99
37) Ethyl Acetate	4.85	43	353733	51.151	ug/l	99
38) Carbon Tetrachloride	5.78	117	319780	49.524	ug/l	98

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MMDadoda
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Quant Time: Jan 04 01:54:37 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)
39) Methylcyclohexane	7.46	83	362036	41.388	ug/l	96
40) Benzene	6.14	78	966235	47.842	ug/l	99
41) Methacrylonitrile	5.06	41	199107	54.230	ug/l	99
42) 1,2-Dichloroethane	6.20	62	337808	49.086	ug/l	98
43) Isopropyl Acetate	6.46	43	580021	55.124	ug/l	98
44) Trichloroethene	7.21	130	284835	46.597	ug/l	97
45) 1,2-Dichloropropane	7.52	63	253543	51.588	ug/l	99
46) Dibromomethane	7.66	93	177752	49.170	ug/l	96
47) Bromodichloromethane	7.90	83	315497	52.567	ug/l	98
48) Methyl methacrylate	7.77	41	293487	54.849	ug/l	98
49) 1,4-Dioxane	7.75	88	125203	892.158	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1804790	269.577	ug/l	99
52) Toluene	8.79	92	630632	48.333	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	348701	54.173	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	378961	53.656	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	275641	51.612	ug/l	98
56) Ethyl methacrylate	9.18	69	401997	53.257	ug/l	96
57) 1,3-Dichloropropane	9.37	76	435199	50.649	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045295	260.516	ug/l	100
59) 2-Hexanone	9.49	43	1331468	259.931	ug/l	99
60) Dibromochloromethane	9.59	129	280963	50.287	ug/l	98
61) 1,2-Dibromoethane	9.67	107	294100	51.803	ug/l	99
64) Tetrachloroethene	9.34	164	275024	48.178	ug/l	96
65) Chlorobenzene	10.14	112	740949	48.582	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	267750	56.268	ug/l	99
67) Ethyl Benzene	10.25	91	1202109	48.235	ug/l	99
68) m/p-Xylenes	10.36	106	952266	96.832	ug/l	99
69) o-Xylene	10.70	106	473263	48.735	ug/l	98
70) Styrene	10.71	104	767331	49.945	ug/l	100
71) Bromoform	10.86	173	207320	48.453	ug/l #	99
73) Isopropylbenzene	11.02	105	1234463	48.635	ug/l	100
74) N-amyl acetate	10.90	43	513071	56.473	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	402005	53.255	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	367588m	53.312	ug/l	
77) Bromobenzene	11.26	156	340400	49.606	ug/l	99
78) n-propylbenzene	11.36	91	1364603	48.822	ug/l	99
79) 2-Chlorotoluene	11.42	91	804735	47.510	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1018135	48.700	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	104405	46.413	ug/l	100
82) 4-Chlorotoluene	11.51	91	936479	48.199	ug/l	100
83) tert-Butylbenzene	11.77	119	1039289	49.670	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1045418	47.541	ug/l	100
85) sec-Butylbenzene	11.94	105	1211690	47.232	ug/l	100
86) p-Isopropyltoluene	12.07	119	1094742	48.546	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	596171	48.205	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	598602	47.215	ug/l	99
89) n-Butylbenzene	12.39	91	920160	47.945	ug/l	98
90) Hexachloroethane	12.60	117	164729	46.894	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	597535	48.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83037	53.163	ug/l	98

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MSVOA_X
ClientSampleId :
VSTDCCC050EC

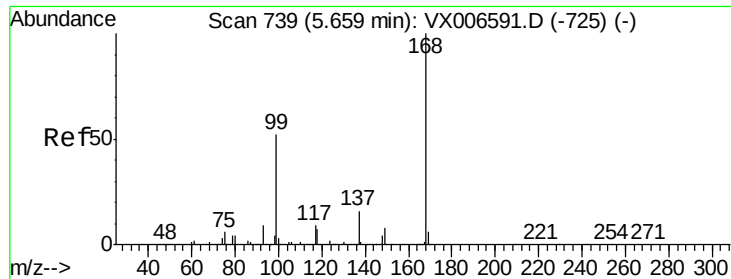
Manual Integrations
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1/4/2019 10:01:37 AM

Quant Time: Jan 04 01:54:37 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)
93) 1,2,4-Trichlorobenzene	13.65	180	413759	48.485	ug/l	100
94) Hexachlorobutadiene	13.78	225	178052	44.265	ug/l	99
95) Naphthalene	13.83	128	1297623	47.642	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	412546	46.821	ug/l	98

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



#1

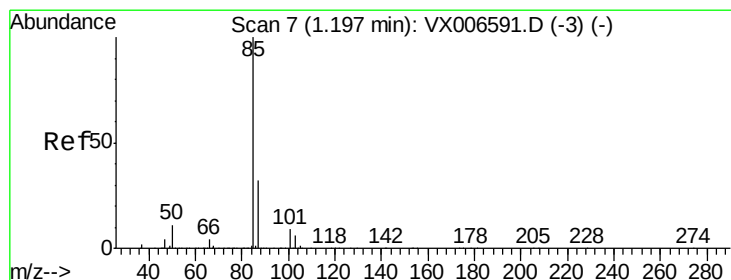
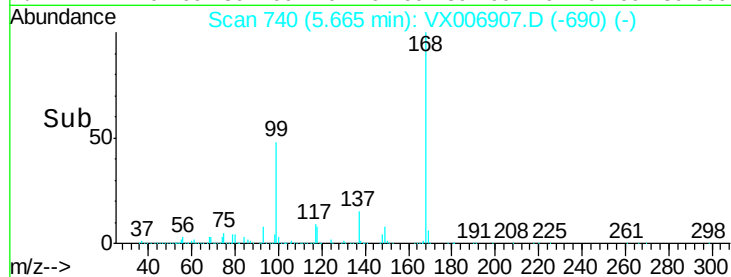
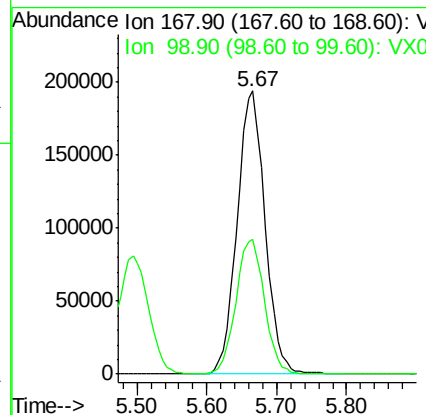
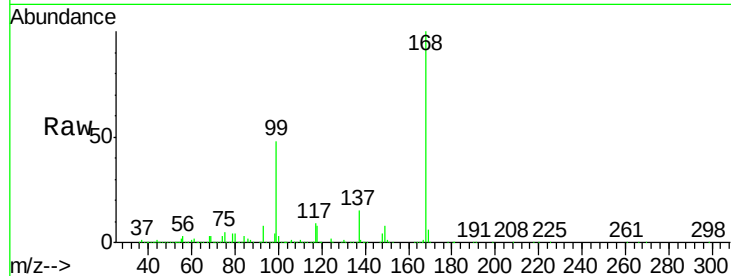
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	47.4	41.8	62.8

Manual Integrations
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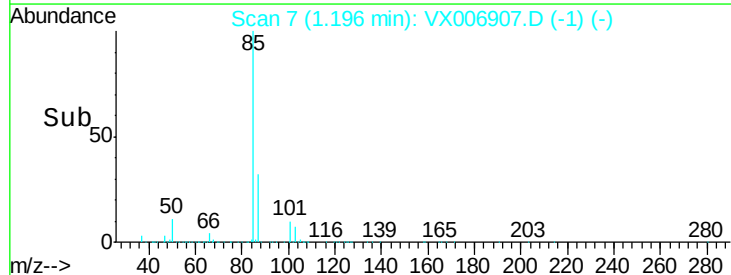
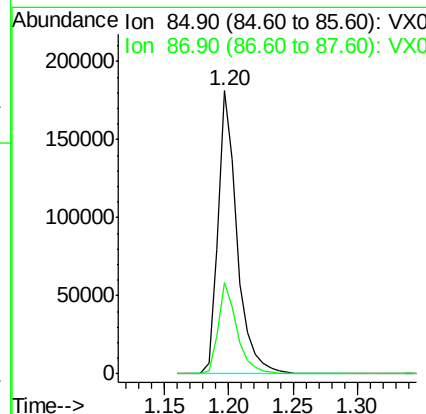
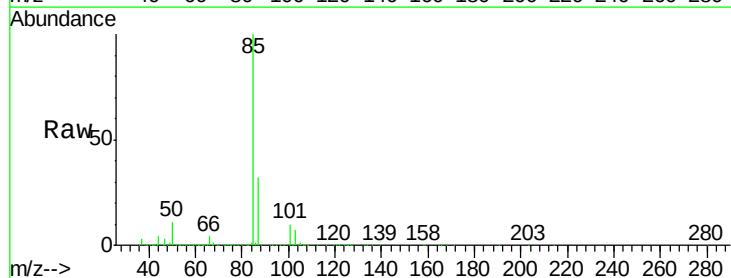
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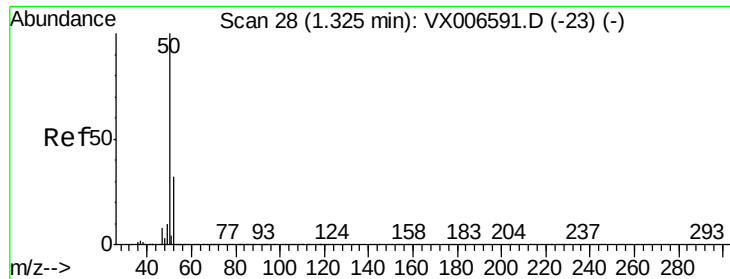


#2

Dichlorodifluoromethane
 Concen: 38.572 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.1	15.9	47.6





#3

Chloromethane

Concen: 39.786 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 210736

Ion Ratio Lower Upper

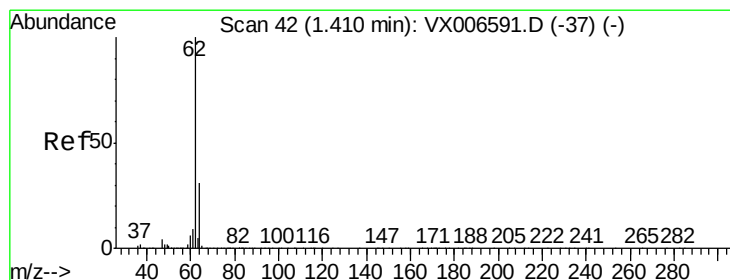
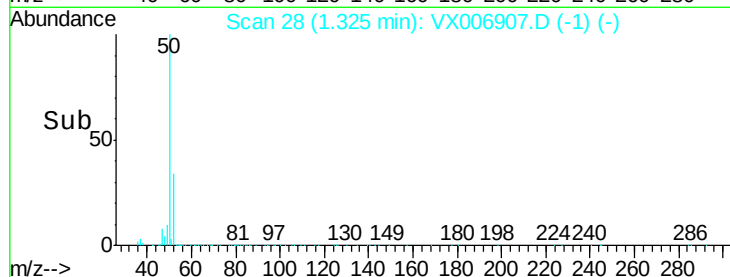
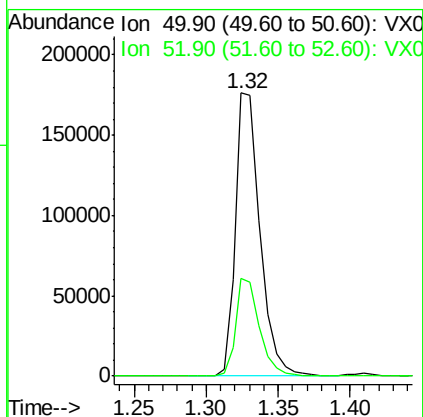
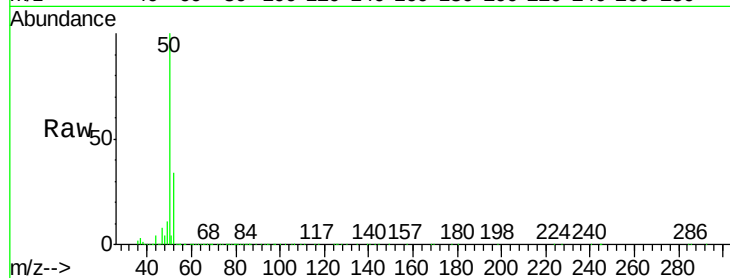
50 100

52 34.4 25.4 38.2

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#4

Vinyl Chloride

Concen: 42.862 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006907.D

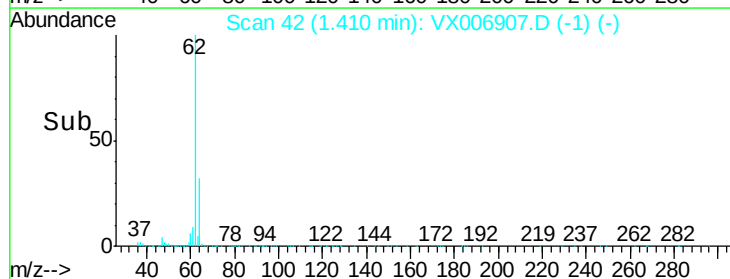
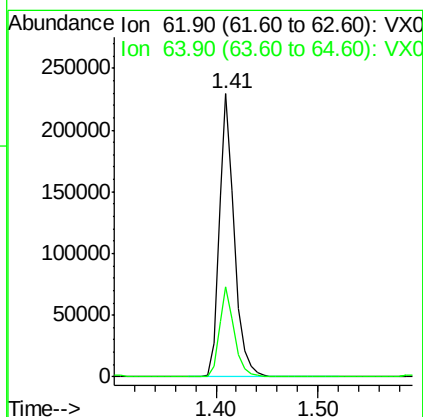
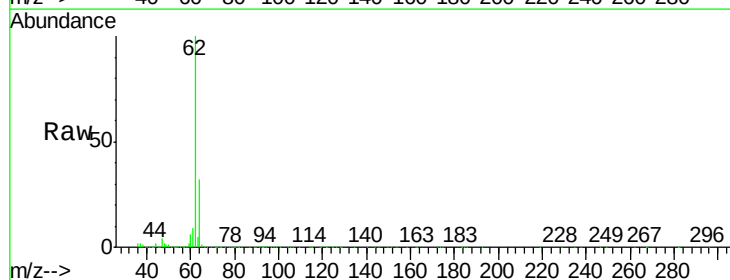
Acq: 03 Jan 2019 20:45

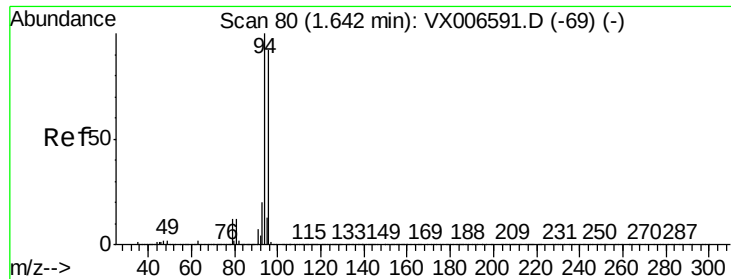
Tgt Ion: 62 Resp: 237110

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7





#5

Bromomethane

Concen: 45.512 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 235841

Ion Ratio Lower Upper

94 100

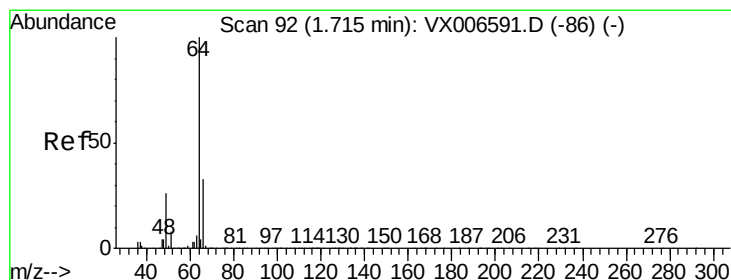
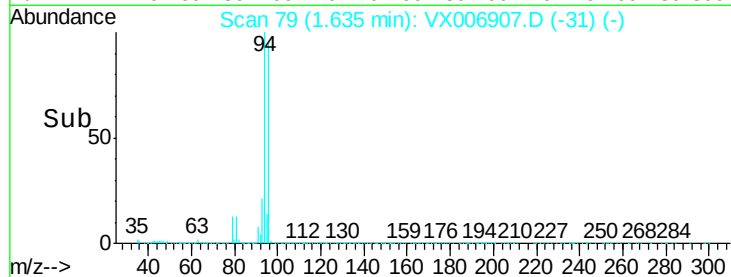
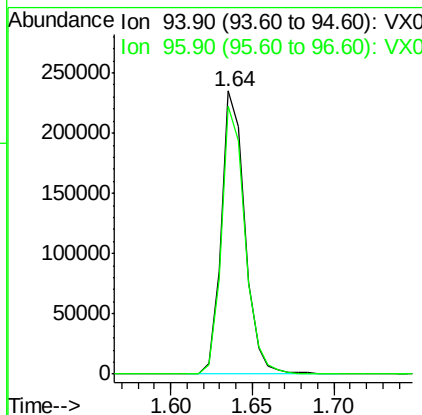
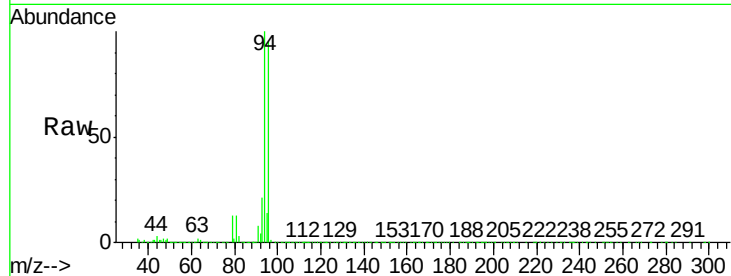
96 94.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 41.949 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006907.D

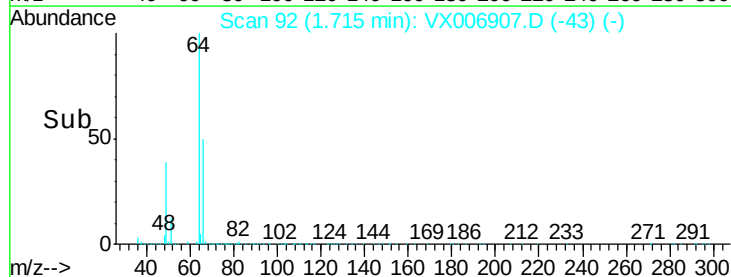
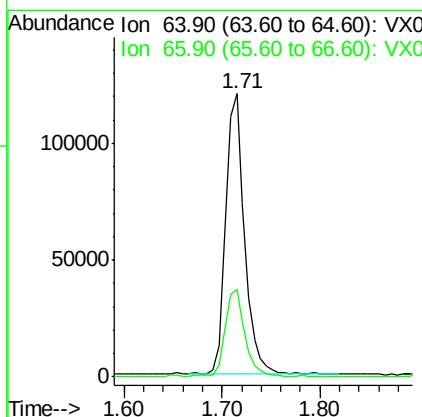
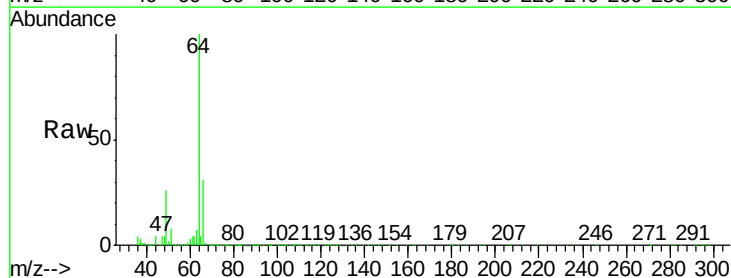
Acq: 03 Jan 2019 20:45

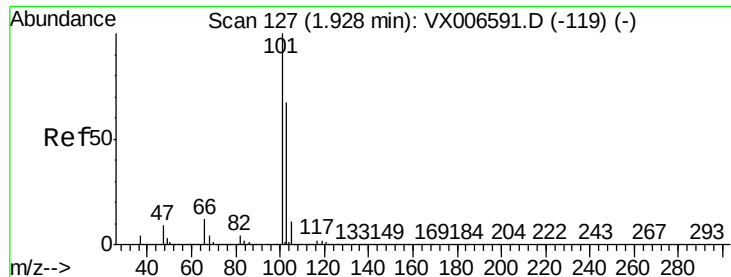
Tgt Ion: 64 Resp: 160682

Ion Ratio Lower Upper

64 100

66 30.8 26.4 39.6





#7

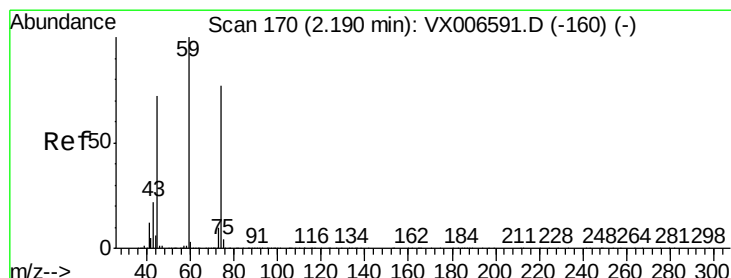
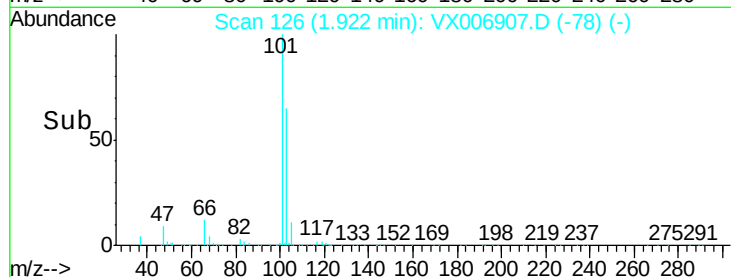
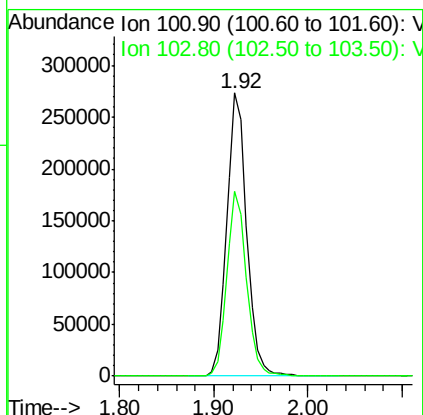
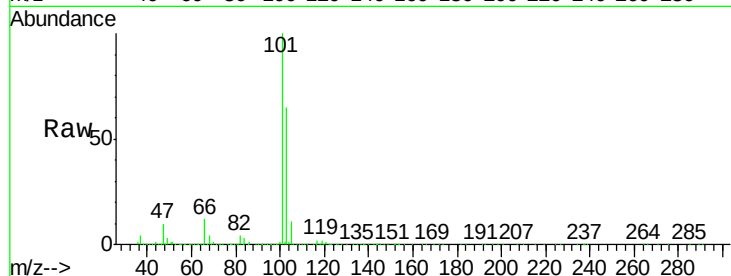
Trichlorofluoromethane
Concen: 46.598 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.4	53.2	79.8

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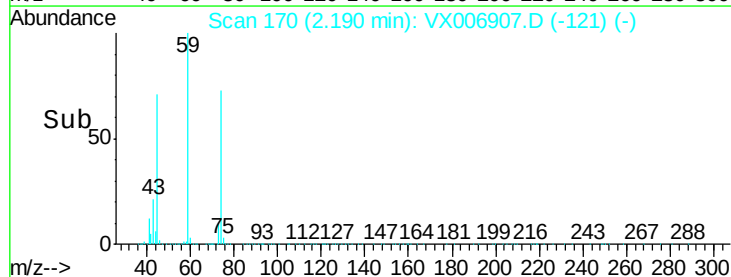
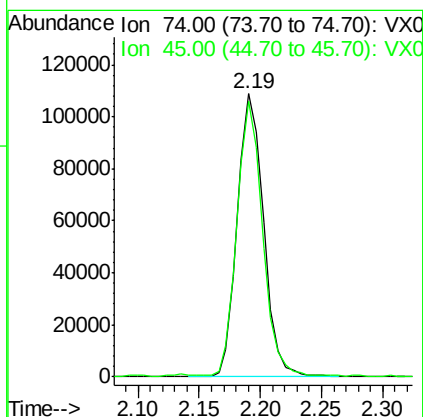
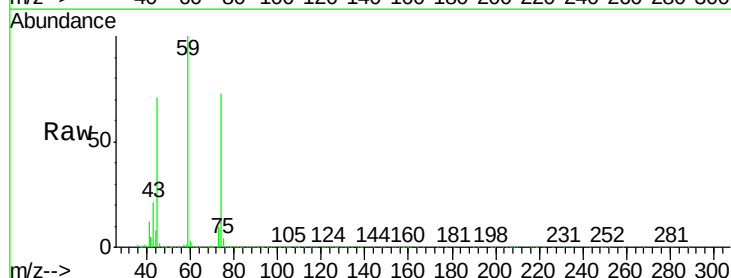
MMDadoda
1/4/2019 10:01:37 AM

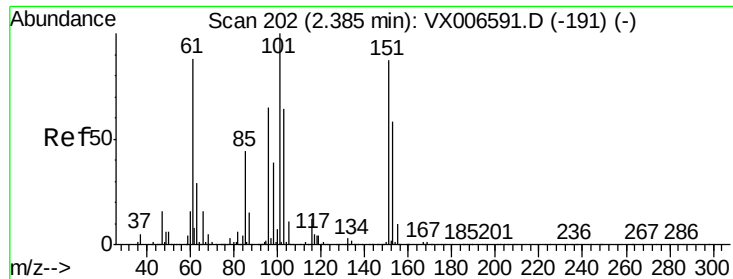


#8

Diethyl Ether
Concen: 47.361 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.1	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.318 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

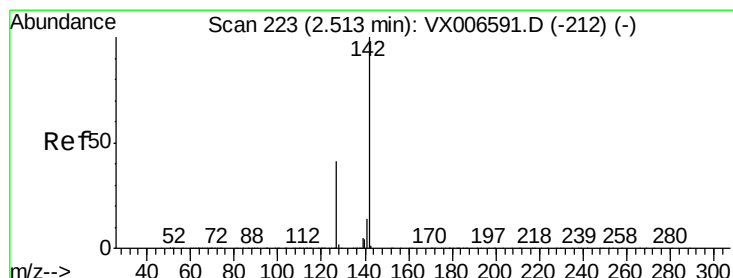
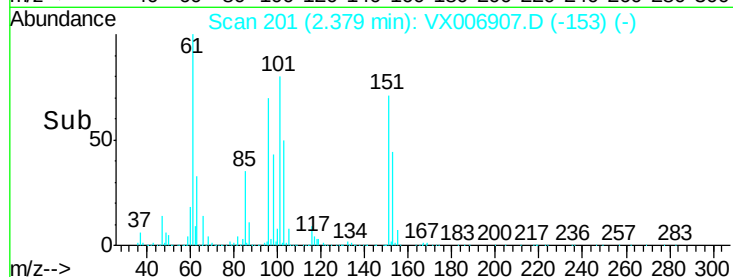
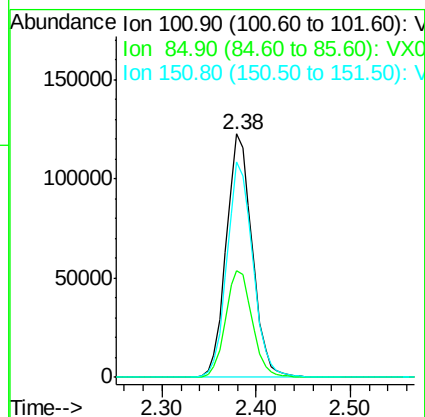
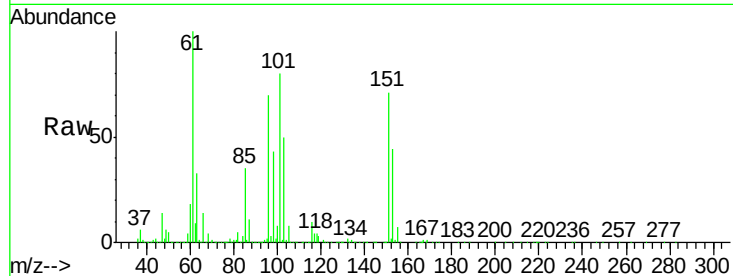
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	234555
Ion Ratio	Lower	Upper	
101	100		
85	44.5	35.1	52.7
151	88.8	68.9	103.3

Manual Integrations
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1/4/2019 10:01:37 AM



#10

Methyl Iodide

Concen: 49.482 ug/l

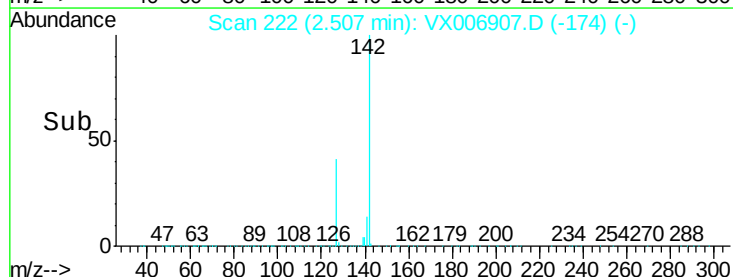
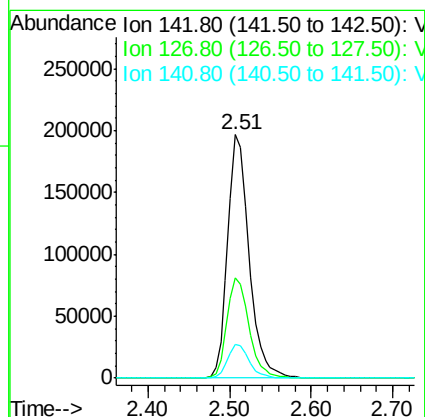
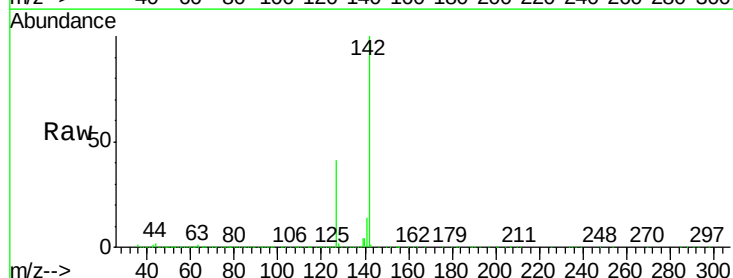
RT: 2.51 min Scan# 222

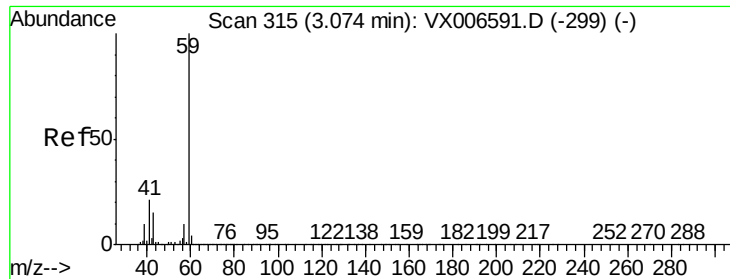
Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	142	Resp:	358689
Ion Ratio	Lower	Upper	
142	100		
127	42.3	33.9	50.9
141	14.0	11.4	17.0





#11

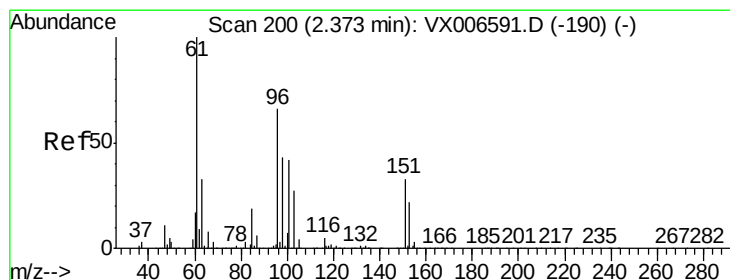
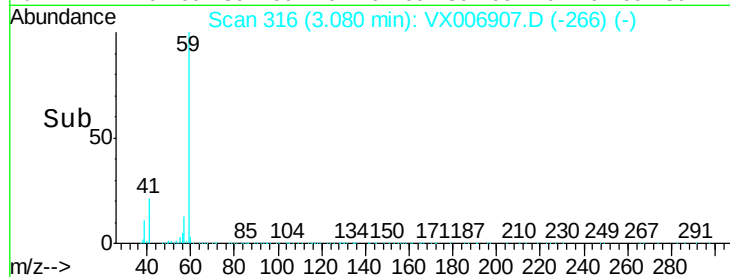
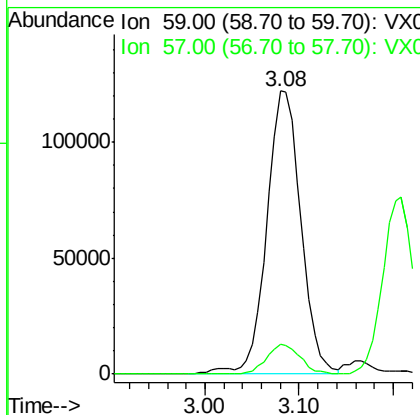
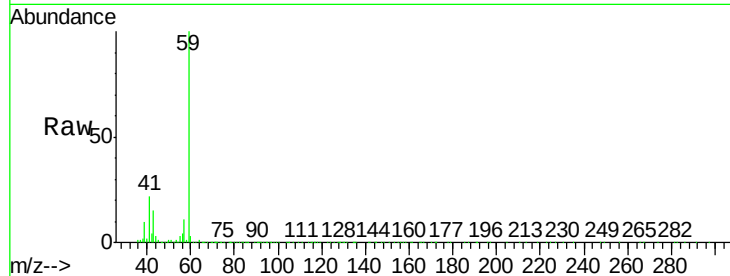
Tert butyl alcohol
Concen: 238.300 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
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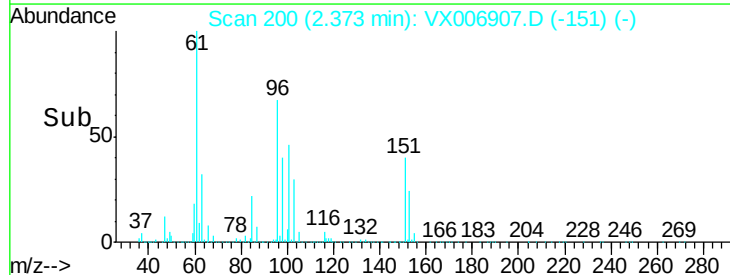
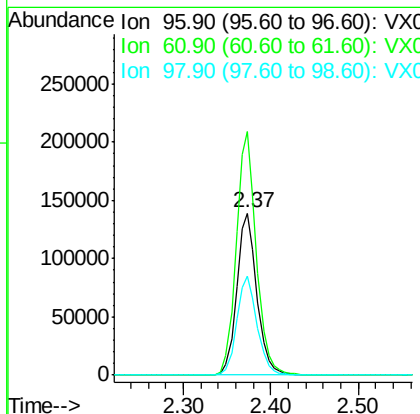
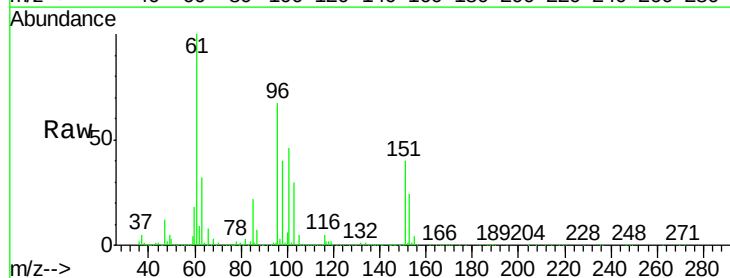
MMDadoda
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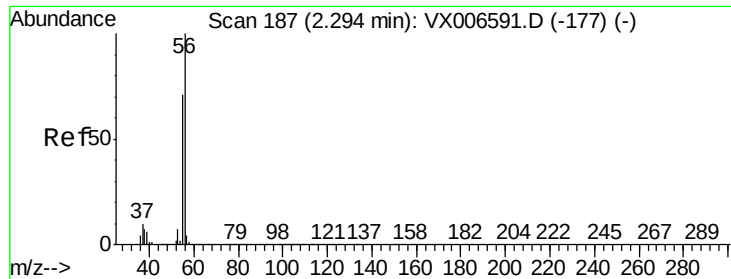


#12

1,1-Dichloroethene
Concen: 46.363 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
96	100		
61	150.2	121.4	182.2
98	60.7	51.9	77.9





#13

Acrolein

Concen: 219.203 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 191149

Ion Ratio Lower Upper

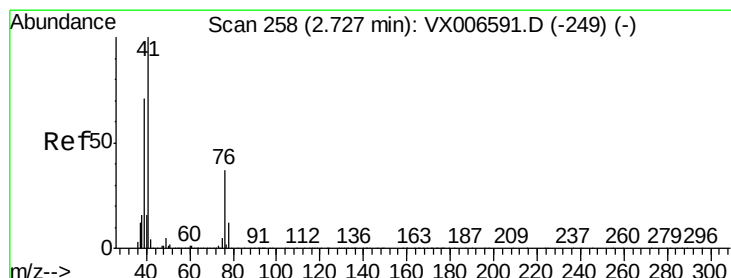
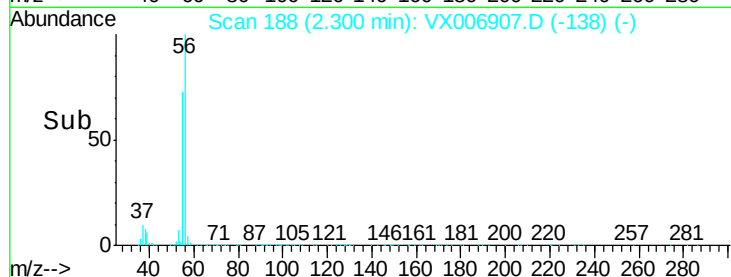
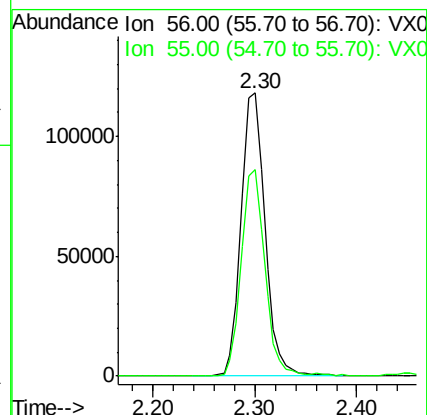
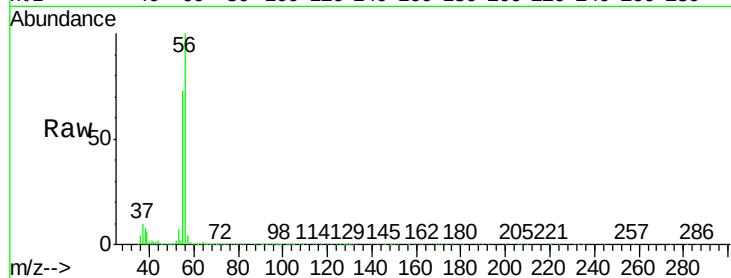
56 100

55 71.8 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 48.140 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

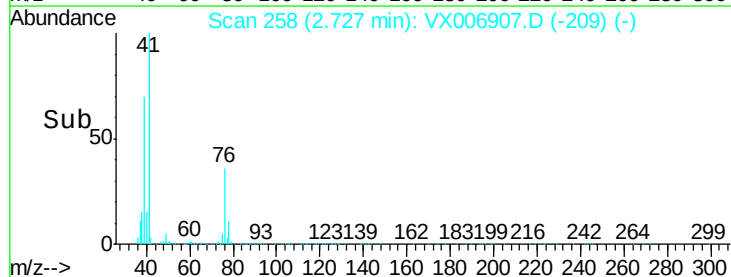
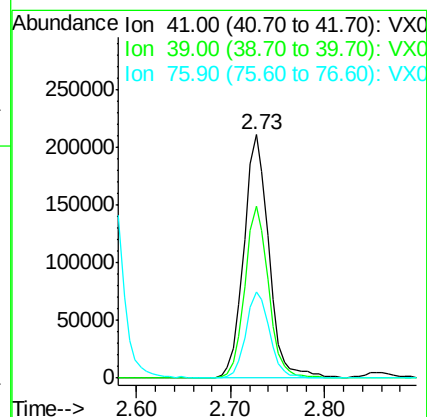
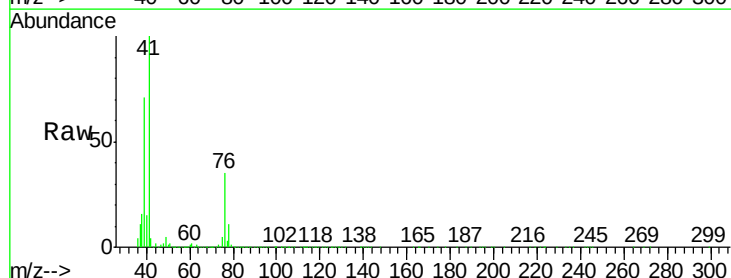
Tgt Ion: 41 Resp: 389081

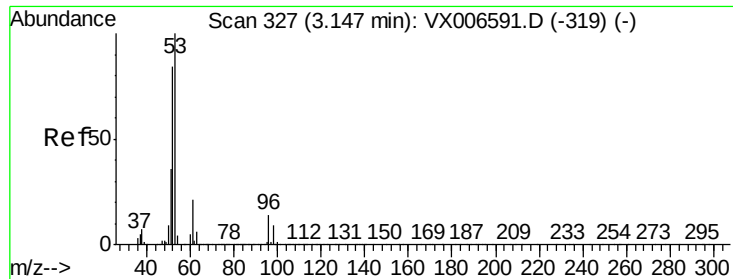
Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 34.0 27.4 41.2





#15

Acrylonitrile

Concen: 257.712 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

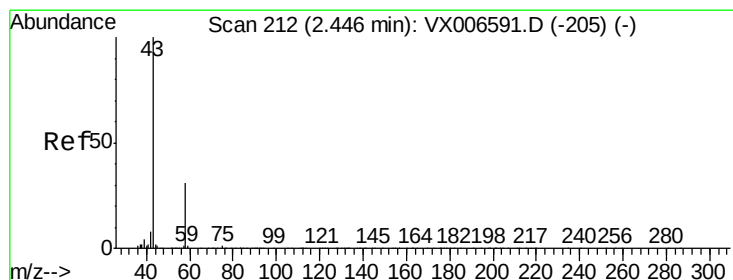
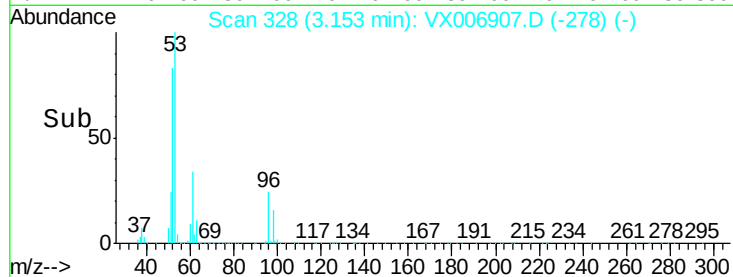
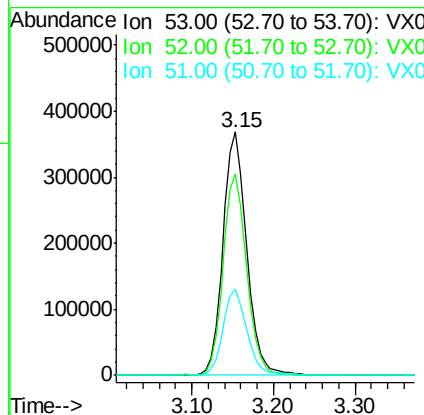
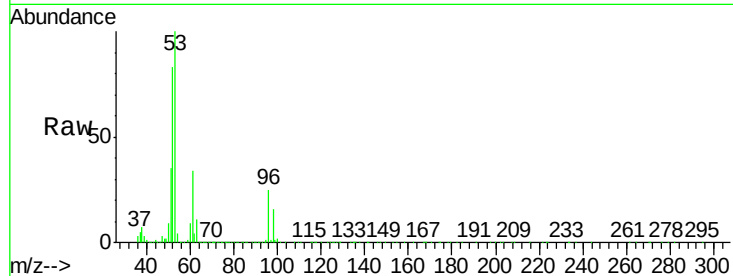
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	739645
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.0	99.0
51	35.9	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 228.425 ug/l

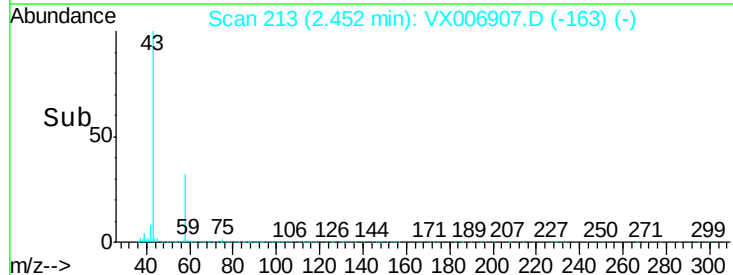
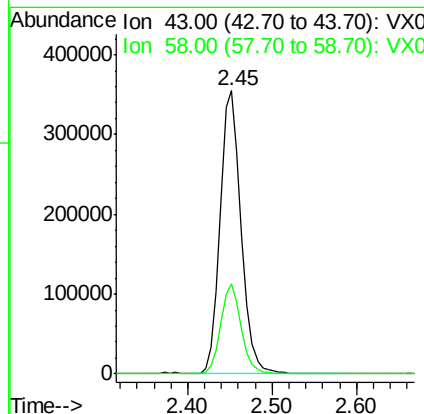
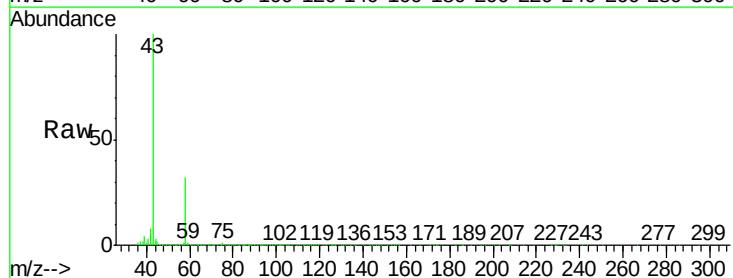
RT: 2.45 min Scan# 213

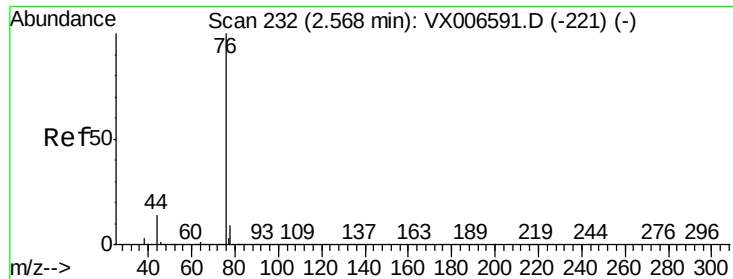
Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	43	Resp:	607852
Ion Ratio	Lower	Upper	
43	100		
58	31.8	25.0	37.6





#17

Carbon Disulfide

Concen: 36.868 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 468488

Ion Ratio Lower Upper

76 100

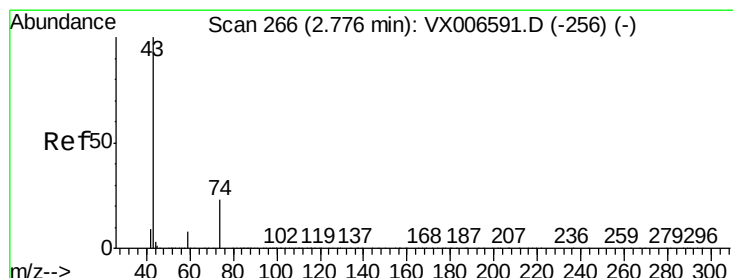
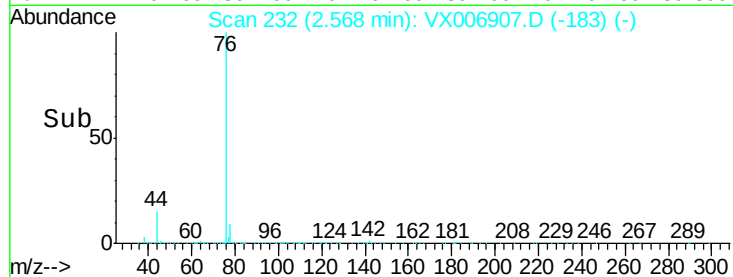
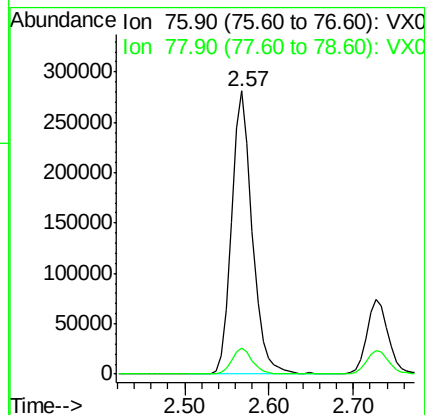
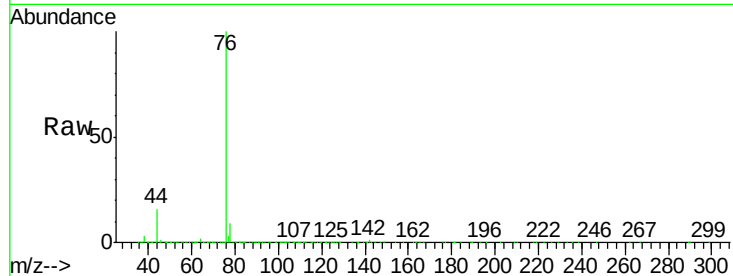
78 9.2 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 58.298 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006907.D

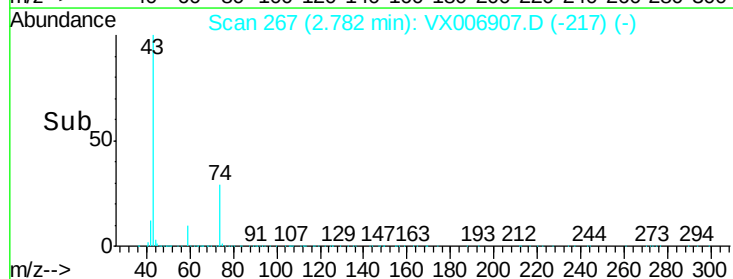
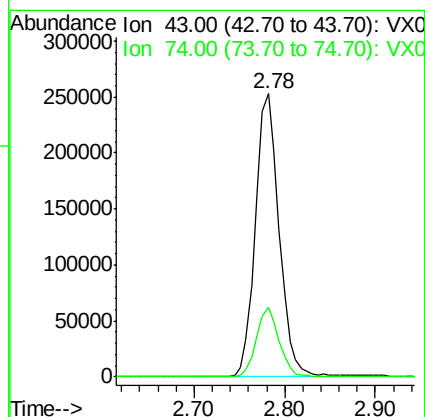
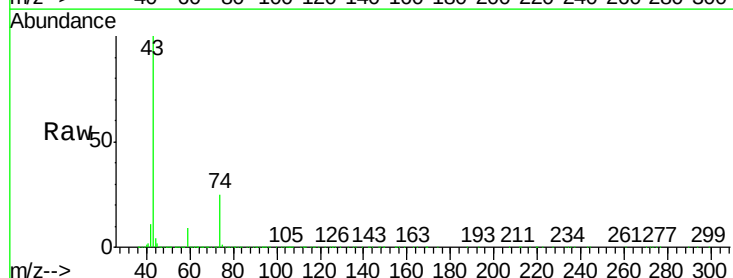
Acq: 03 Jan 2019 20:45

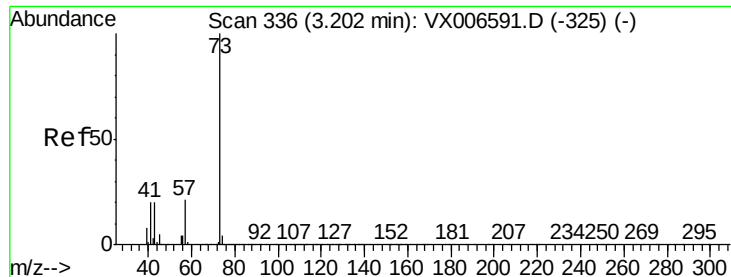
Tgt Ion: 43 Resp: 456167

Ion Ratio Lower Upper

43 100

74 23.1 18.6 28.0





#19

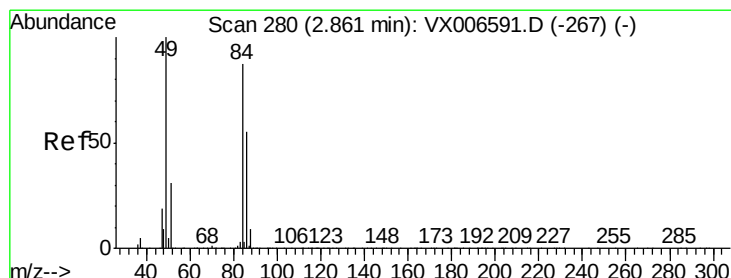
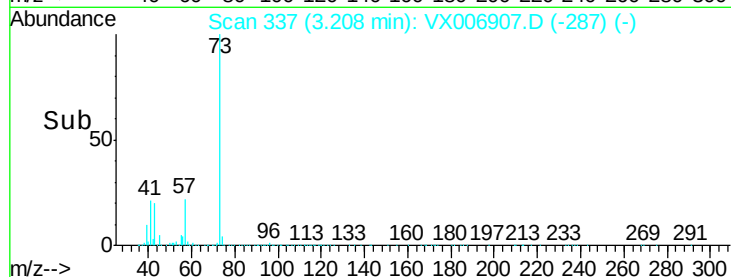
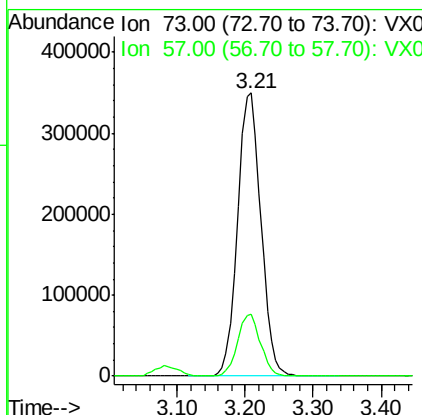
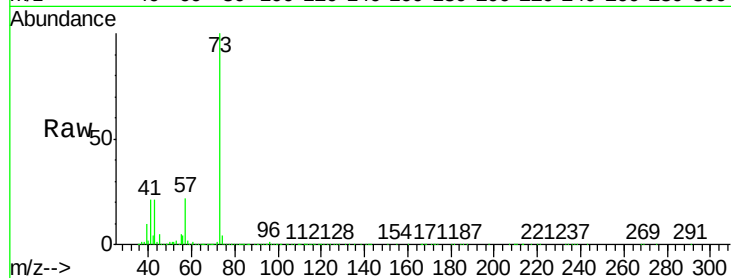
Methyl tert-butyl Ether
 Concen: 52.221 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.8	16.8	25.2

Manual Integrations
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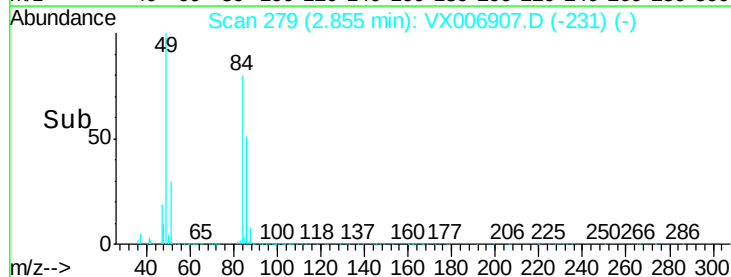
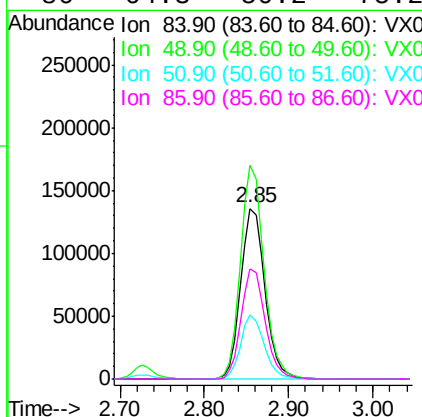
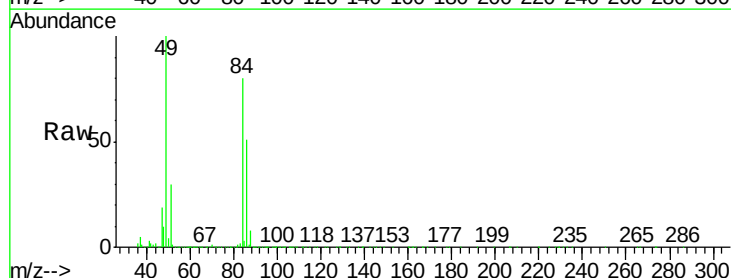
MMDadoda
 1/4/2019 10:01:37 AM

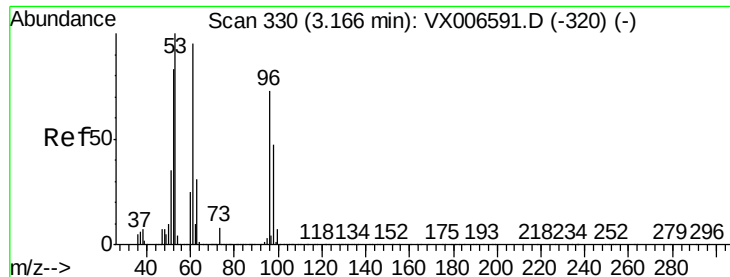


#20

Methylene Chloride
 Concen: 47.671 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
84	100		
49	124.8	91.8	137.6
51	37.6	28.5	42.7
86	64.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 44.022 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

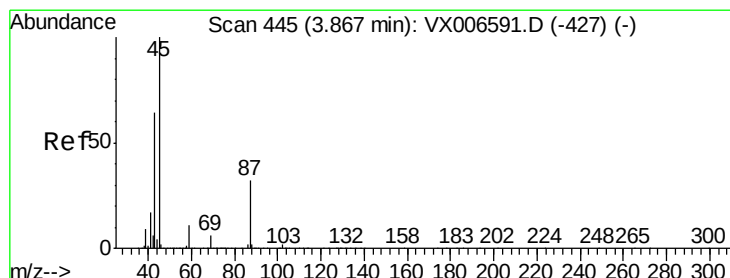
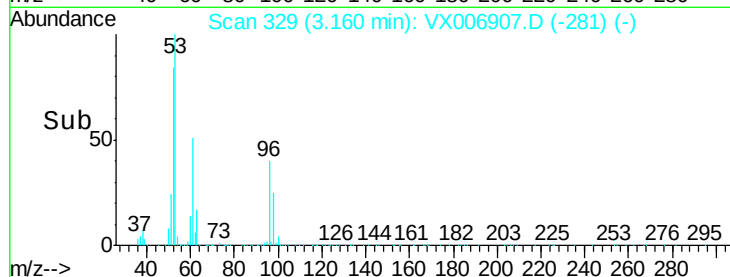
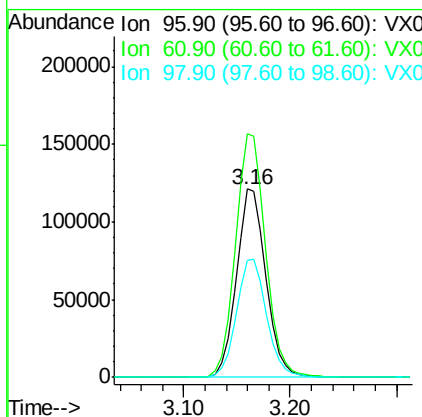
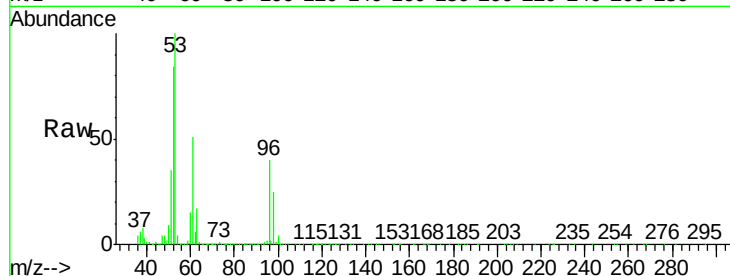
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	234211
Ion	Ratio	Lower	Upper
96	100		
61	129.4	103.7	155.5
98	62.2	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.659 ug/l

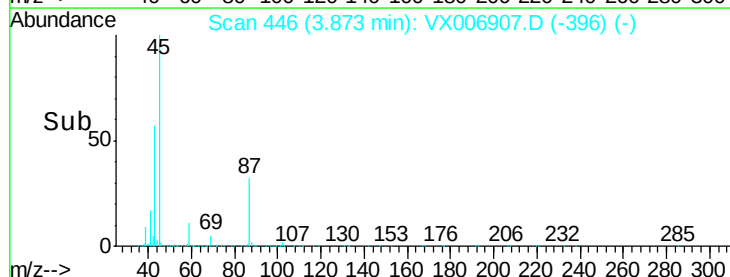
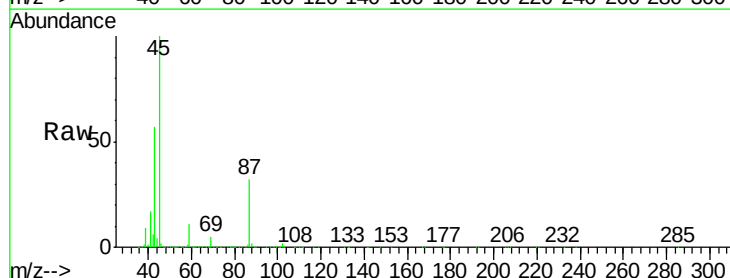
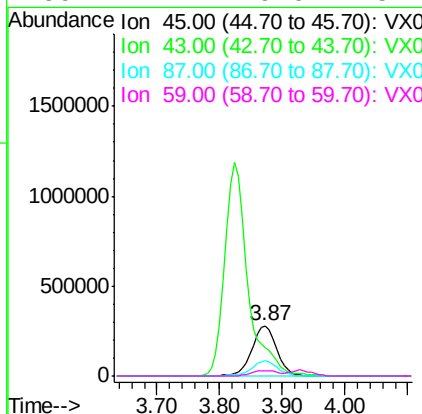
RT: 3.87 min Scan# 446

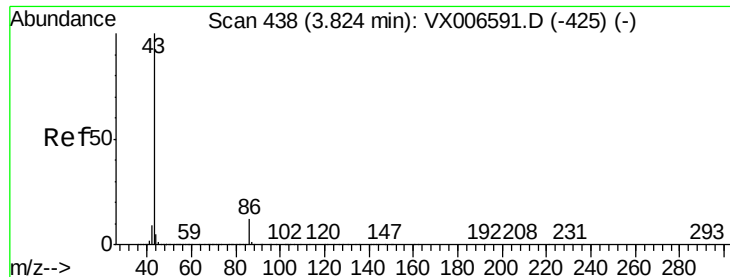
Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	45	Resp:	763831
Ion	Ratio	Lower	Upper
45	100		
43	57.0	51.2	76.8
87	31.9	25.8	38.6
59	11.4	9.0	13.4





#23

Vinyl Acetate

Concen: 253.754 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3069063

Ion Ratio Lower Upper

43 100

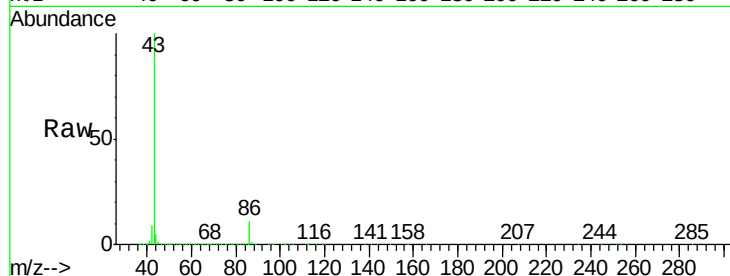
86 11.4 9.2 13.8

Manual Integrations

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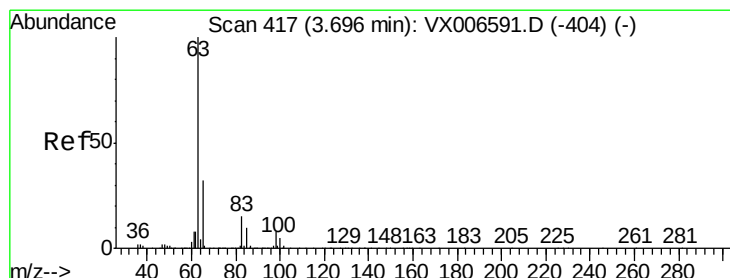
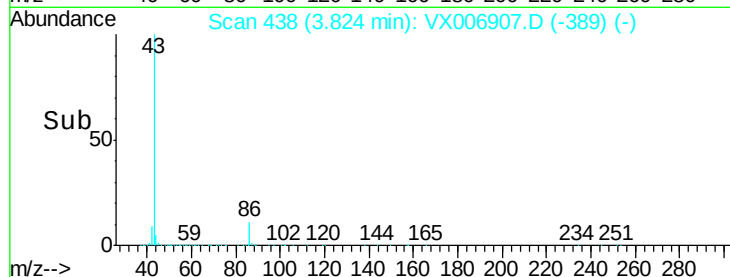
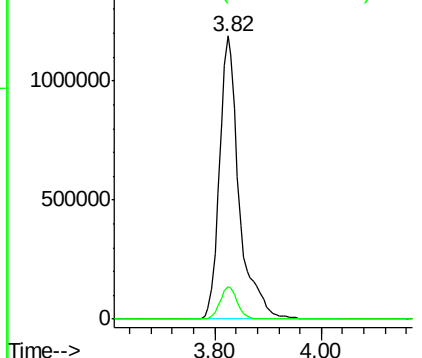
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 46.826 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

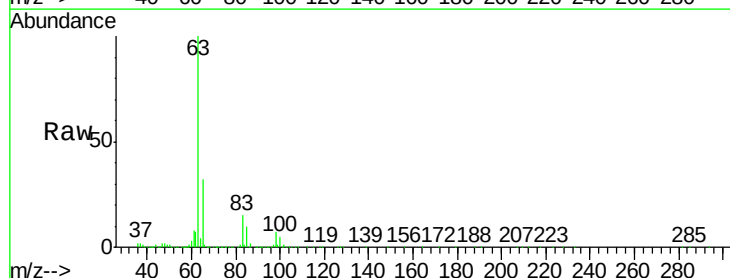
Tgt Ion: 63 Resp: 413319

Ion Ratio Lower Upper

63 100

98 7.5 3.9 11.5

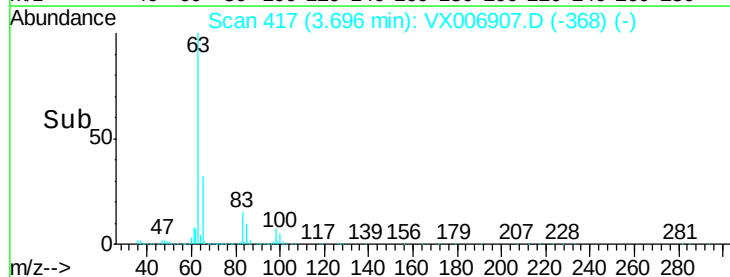
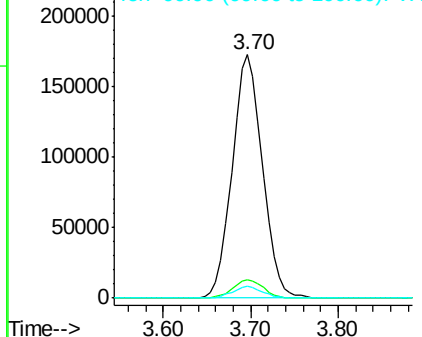
100 4.7 2.4 7.2

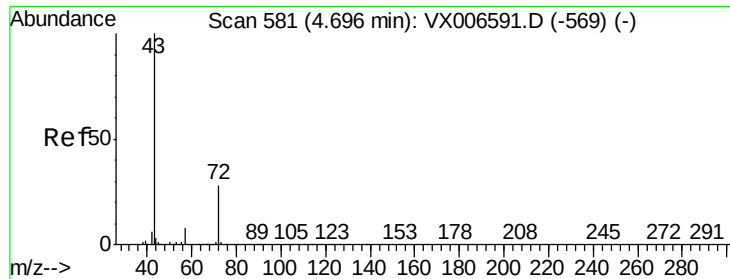


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 241.123 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tot Ion: 43 Resp: 902548

Ion Ratio Lower Upper

43 100

72 29.2 22.4 33.6

Instrument :

MSVOA_X

ClientSampleId :

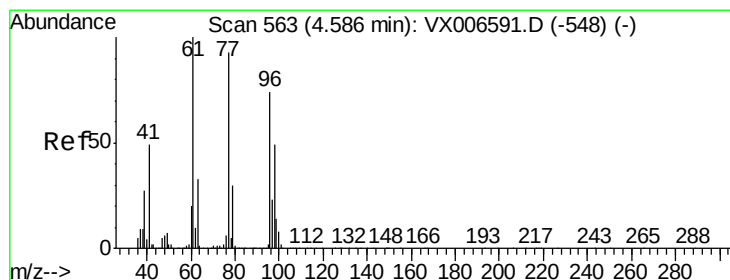
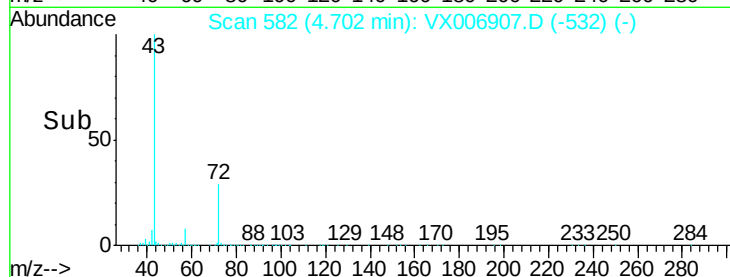
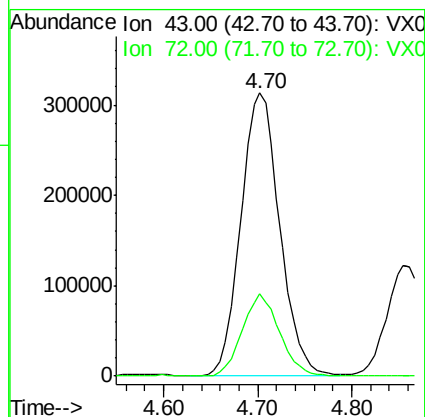
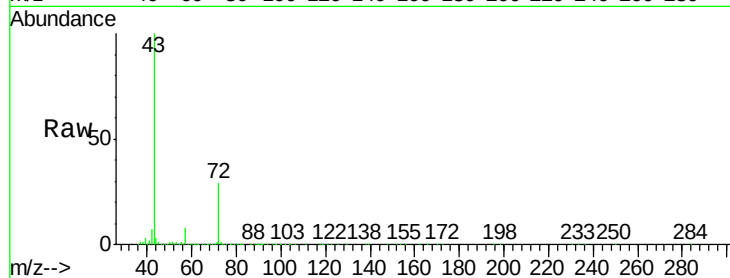
VSTDCCC050EC

Manual Integrations

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1/4/2019 10:01:37 AM



#26

2,2-Dichloropropane

Concen: 42.088 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006907.D

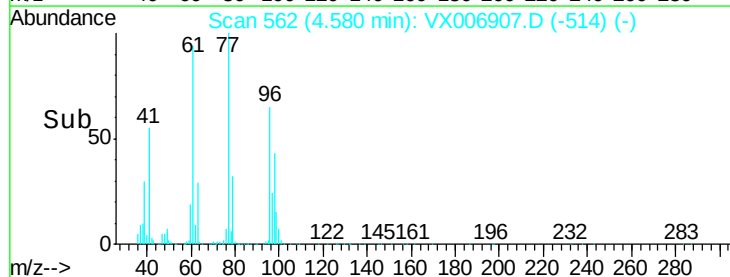
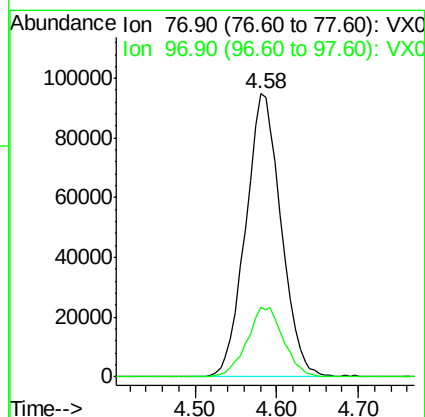
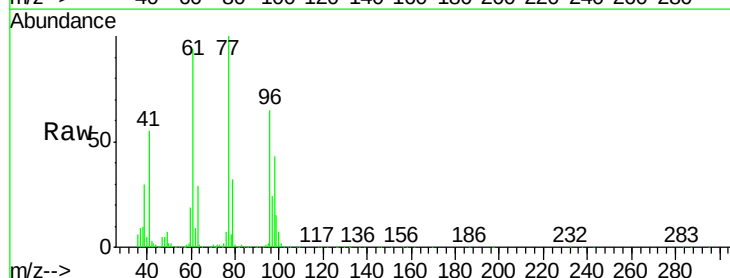
Acq: 03 Jan 2019 20:45

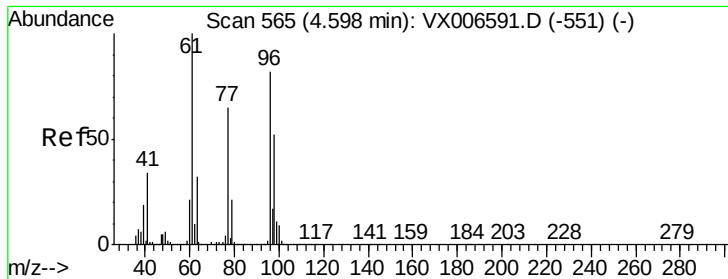
Tgt Ion: 77 Resp: 286967

Ion Ratio Lower Upper

77 100

97 25.2 12.4 37.4





#27

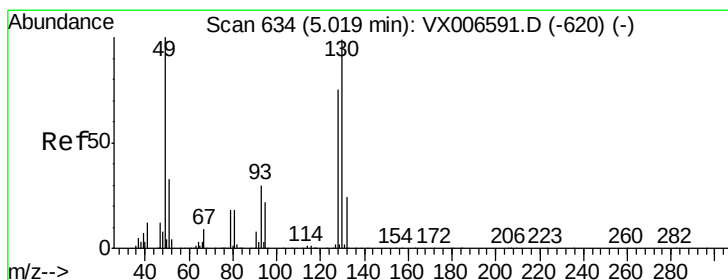
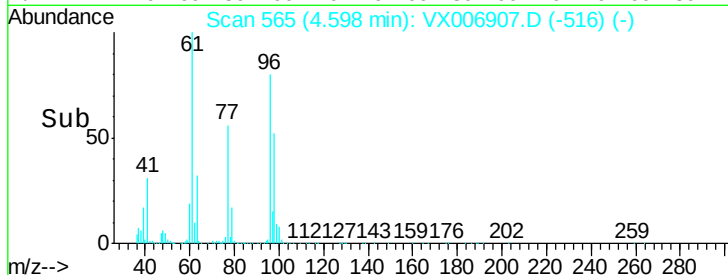
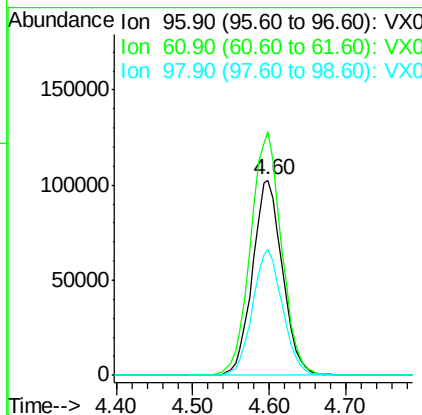
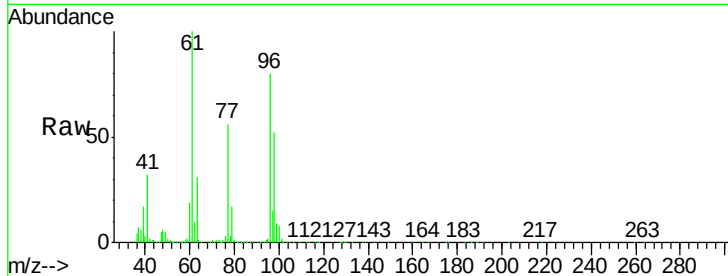
cis-1,2-Dichloroethene
Concen: 47.611 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.3	0.0	258.6
98	65.0	0.0	132.0

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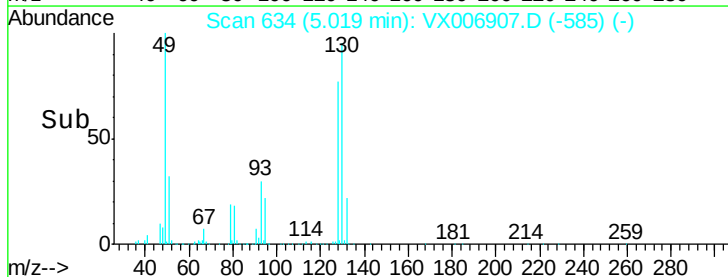
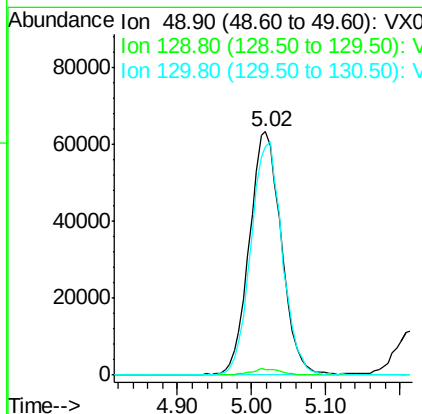
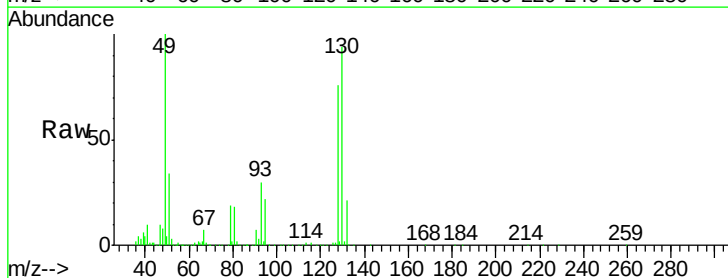
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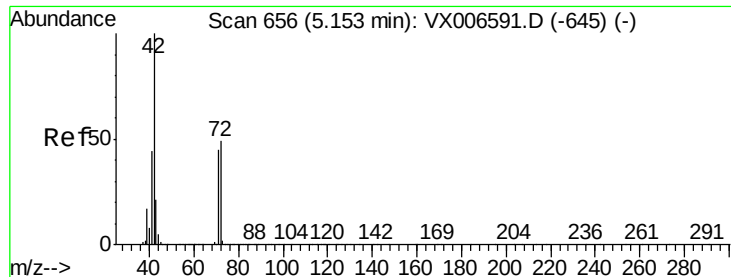


#28

Bromochloromethane
Concen: 51.286 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.8	77.7	116.5





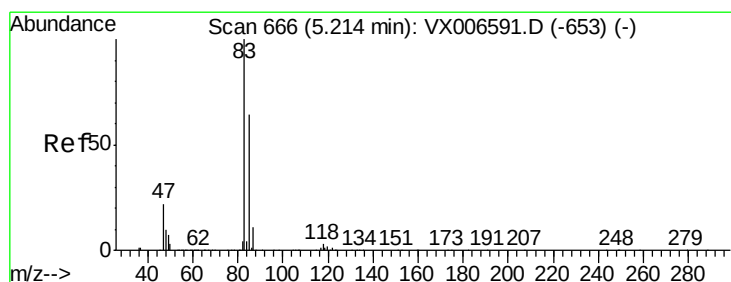
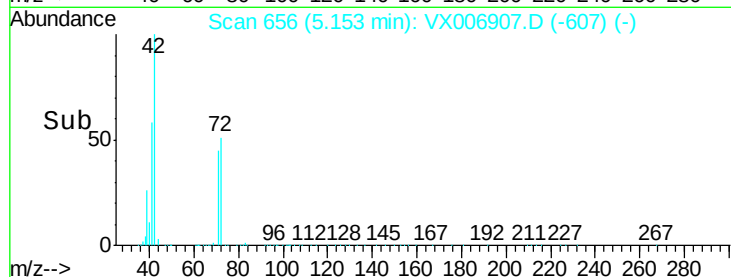
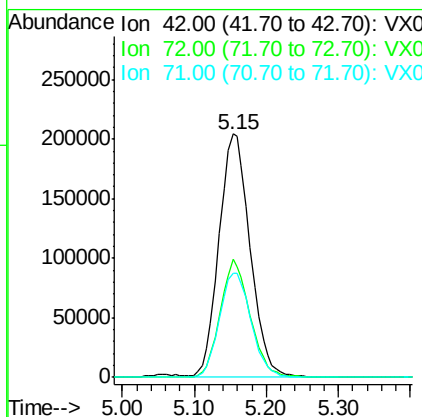
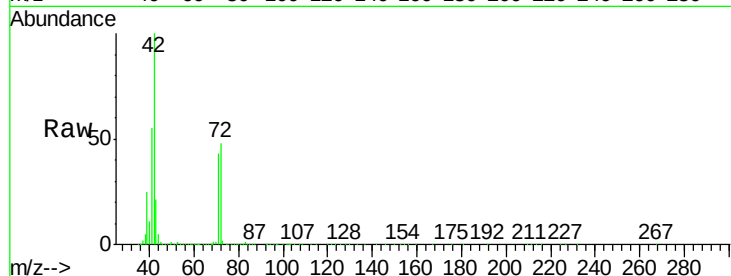
#29
Tetrahydrofuran
Concen: 248.449 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
42	100			
72	46.6	38.9	58.3	
71	43.6	36.2	54.4	

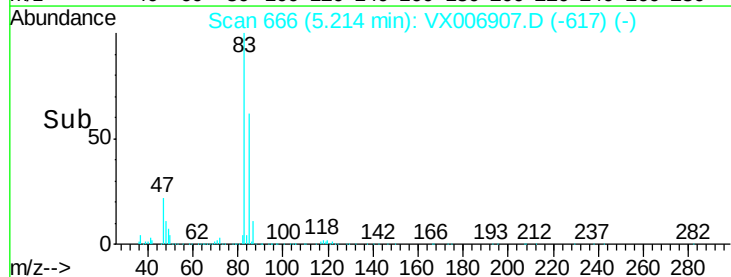
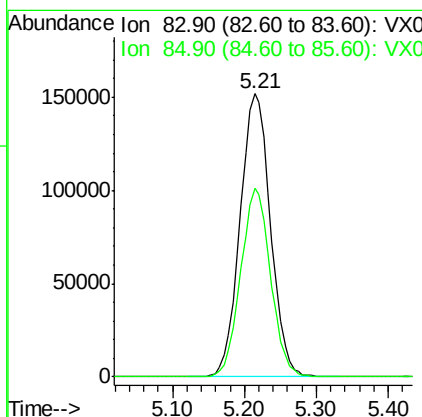
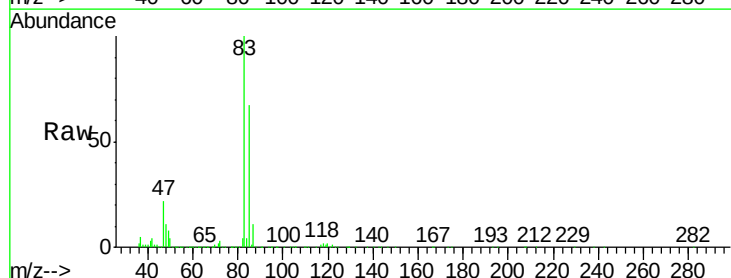
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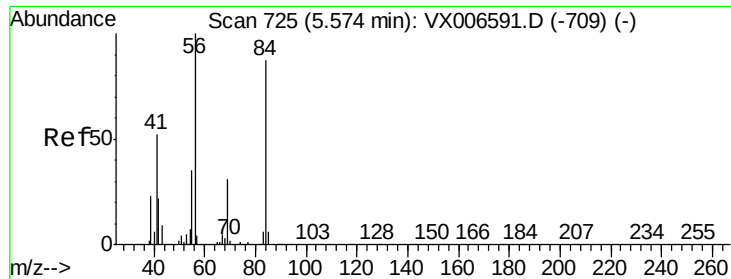
MMDadoda
1/4/2019 10:01:37 AM



#30
Chloroform
Concen: 48.725 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
83	100			
85	66.8	51.2	76.8	





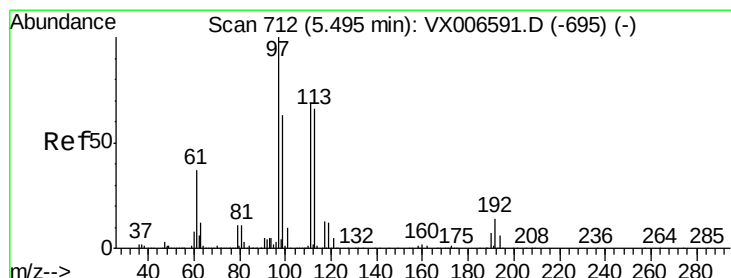
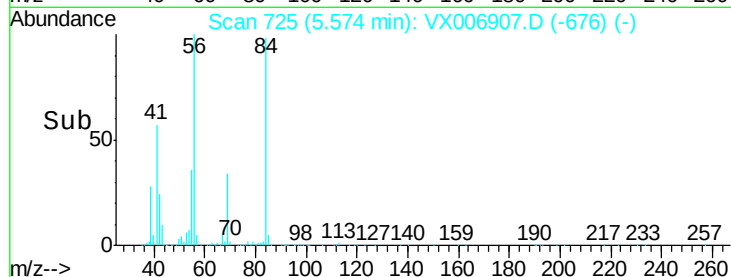
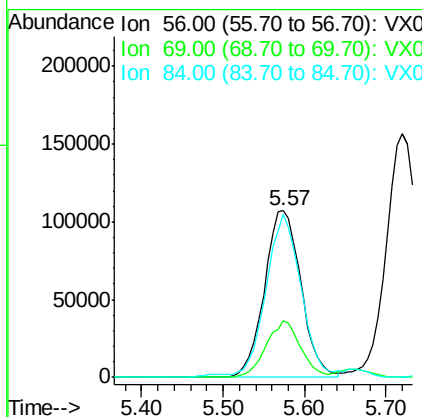
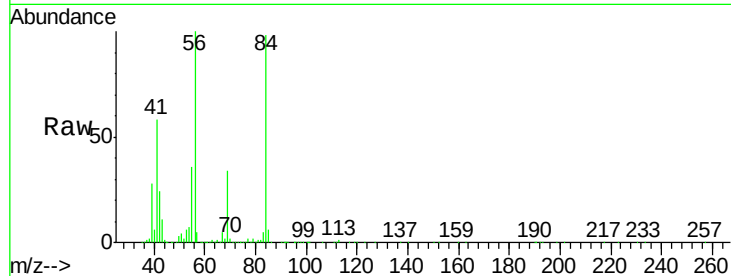
#31
Cyclohexane
Concen: 41.496 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	33.6	24.4	36.6
84	97.7	70.0	105.0

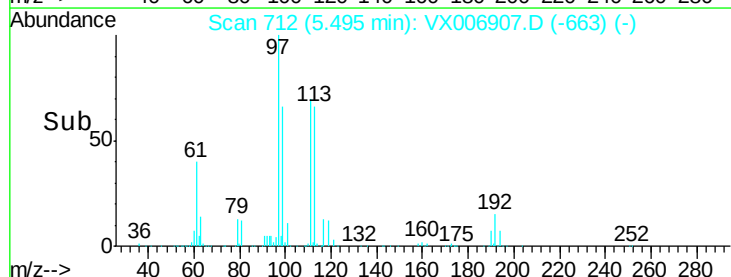
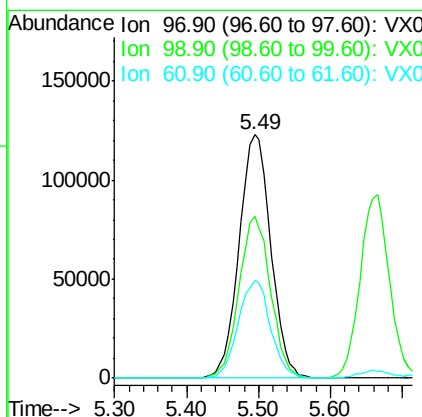
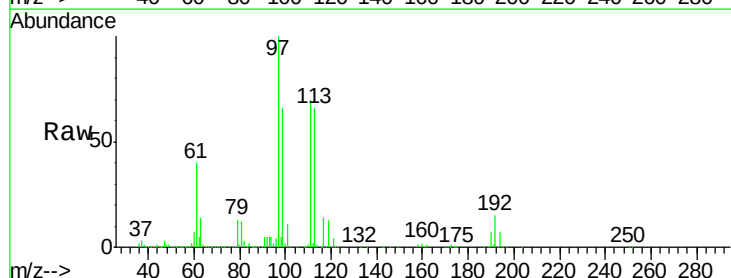
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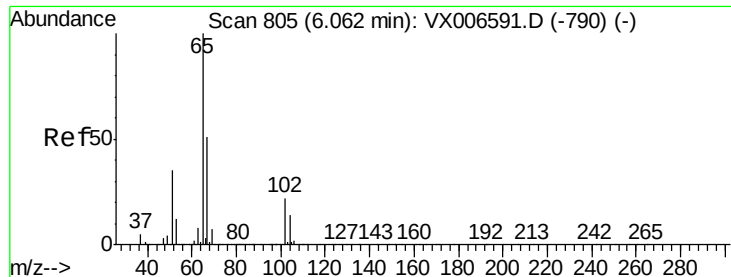
MMDadoda
1/4/2019 10:01:37 AM



#32
1,1,1-Trichloroethane
Concen: 48.763 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	51.7	77.5
61	40.8	31.3	46.9





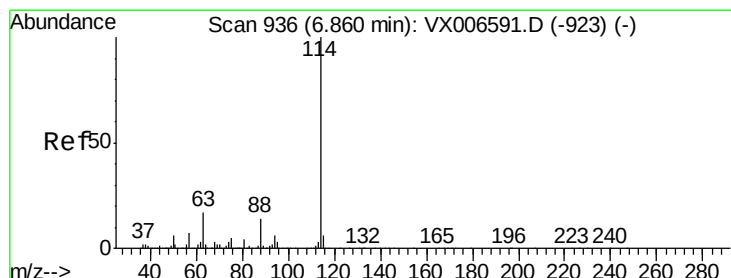
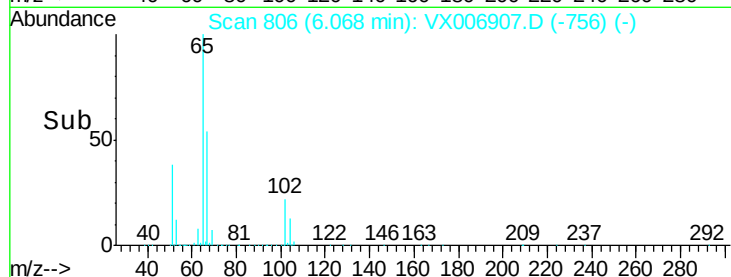
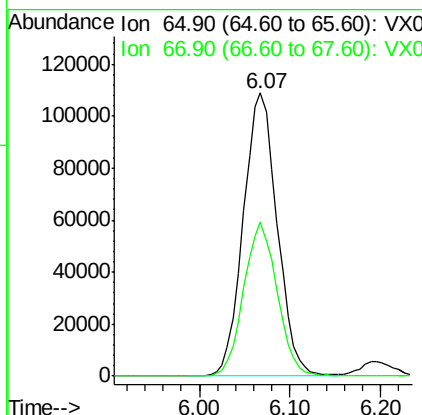
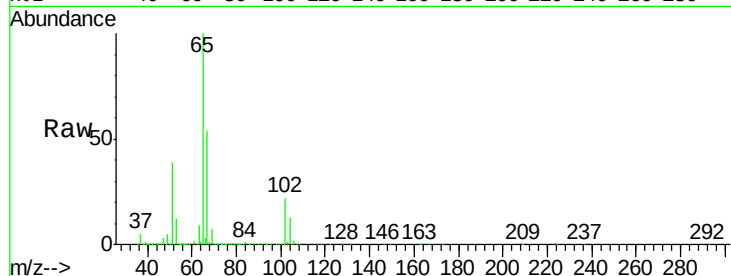
#33
 1,2-Dichloroethane-d4
 Concen: 48.709 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	105.0

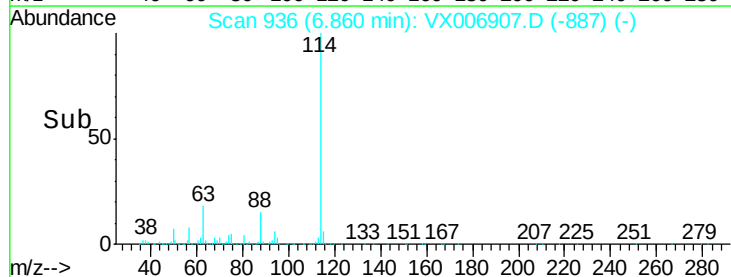
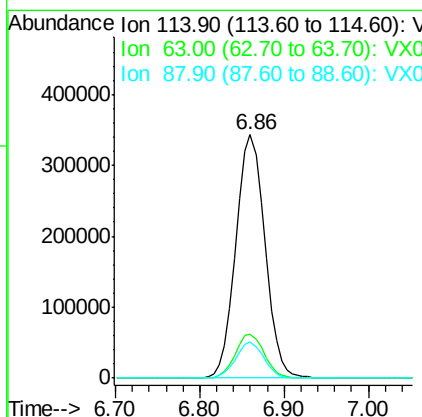
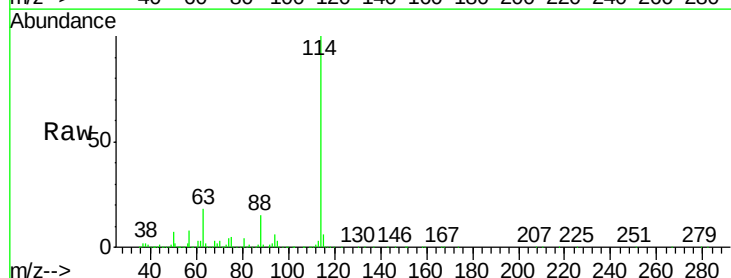
Manual Integrations
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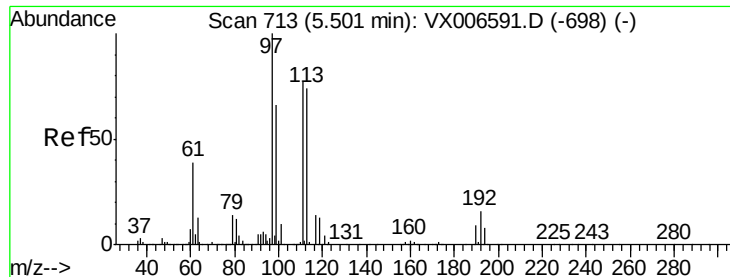
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	34.8
88	15.1	0.0	28.8





#35

Dibromofluoromethane

Concen: 50.917 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

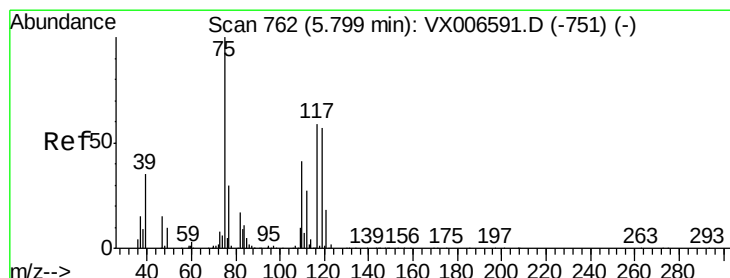
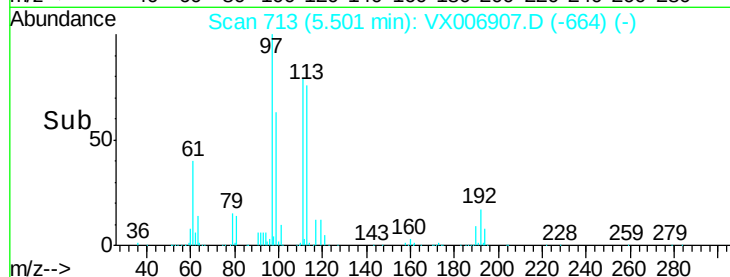
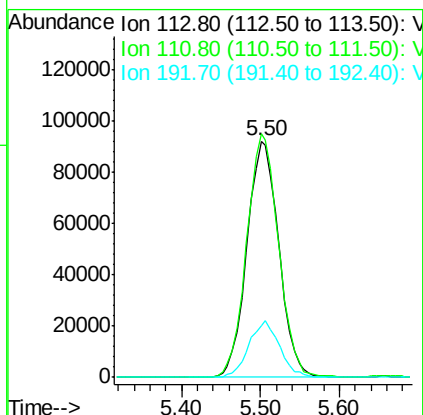
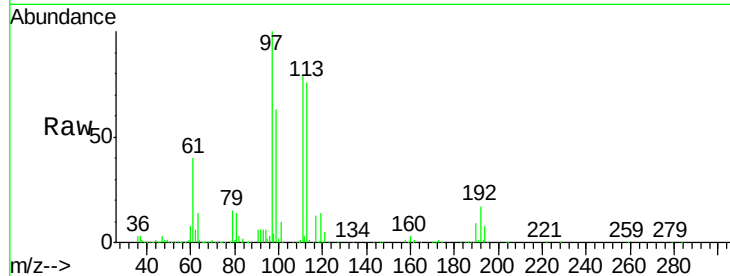
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	258303
Ion Ratio	Lower	Upper	
113	100		
111	103.0	81.6	122.4
192	23.1	16.7	25.1

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1/4/2019 10:01:37 AM



#36

1,1-Dichloropropene

Concen: 46.222 ug/l

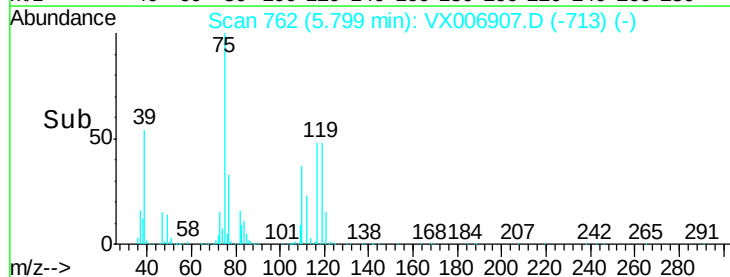
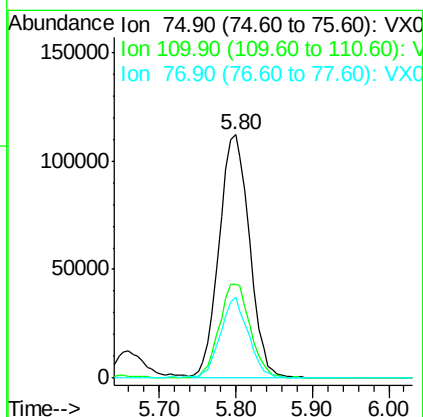
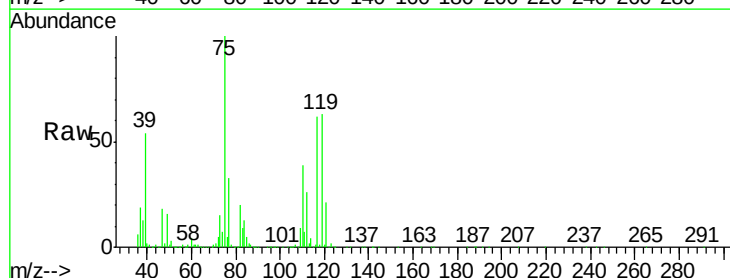
RT: 5.80 min Scan# 762

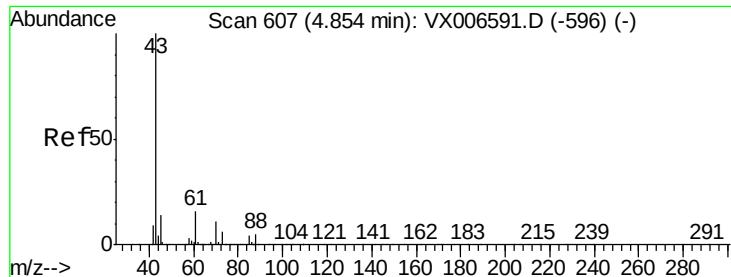
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	75	Resp:	307107
Ion Ratio	Lower	Upper	
75	100		
110	39.3	20.2	60.5
77	30.4	24.8	37.2





#37

Ethyl Acetate

Concen: 51.151 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

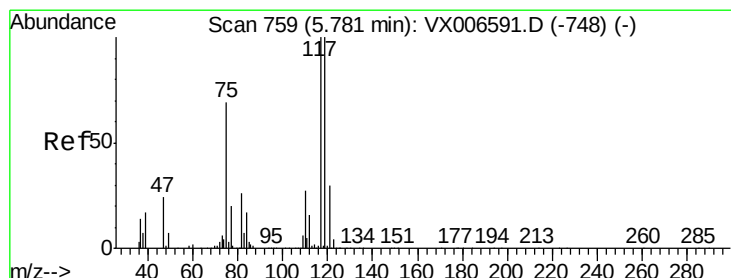
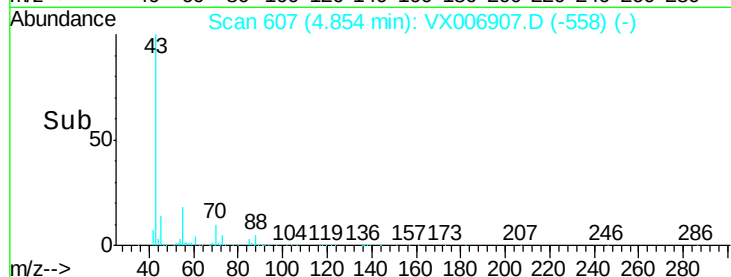
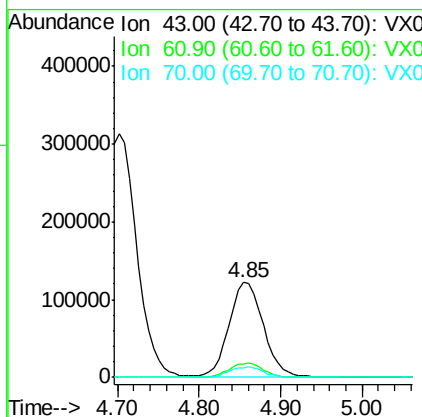
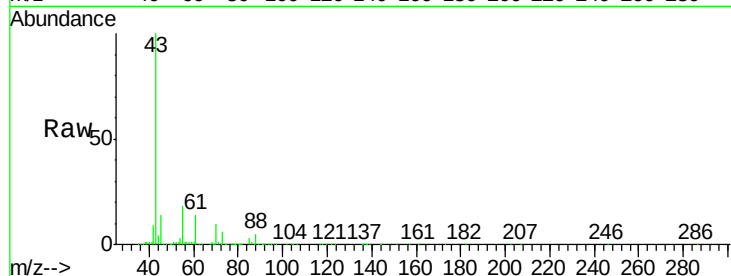
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	353733
Ion	Ratio	Lower	Upper
43	100		
61	14.9	11.9	17.9
70	11.1	9.7	14.5

Manual Integrations
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#38

Carbon Tetrachloride

Concen: 49.524 ug/l

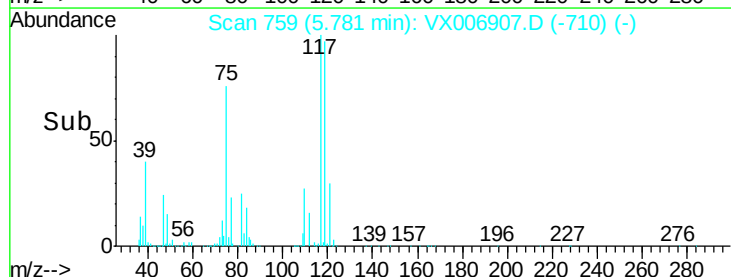
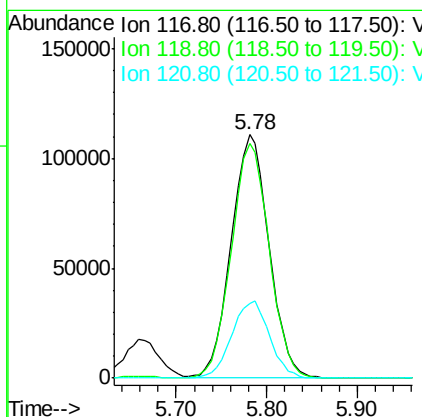
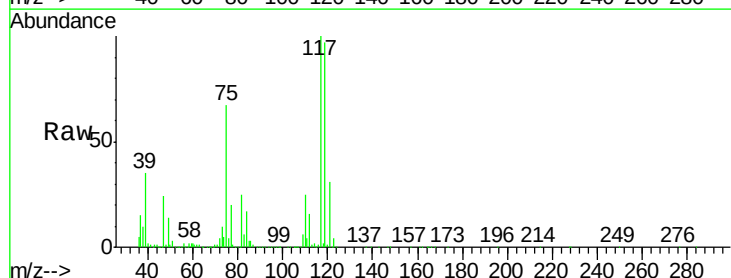
RT: 5.78 min Scan# 759

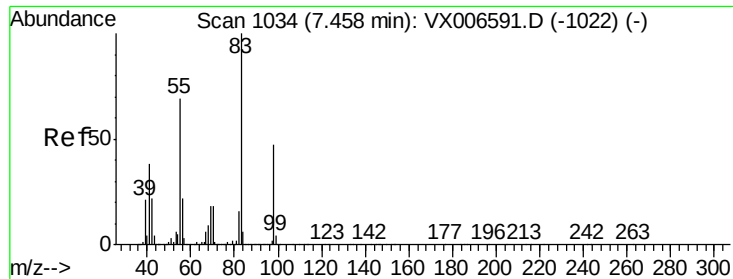
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	117	Resp:	319780
Ion	Ratio	Lower	Upper
117	100		
119	96.5	79.4	119.2
121	30.8	24.0	36.0





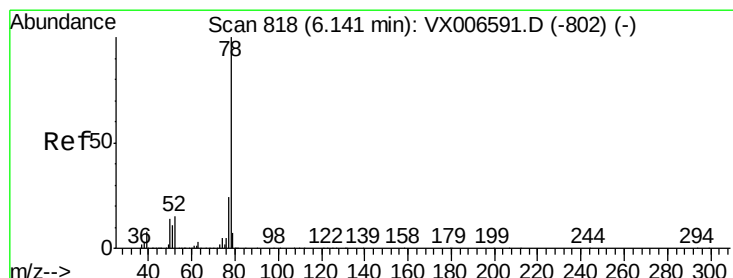
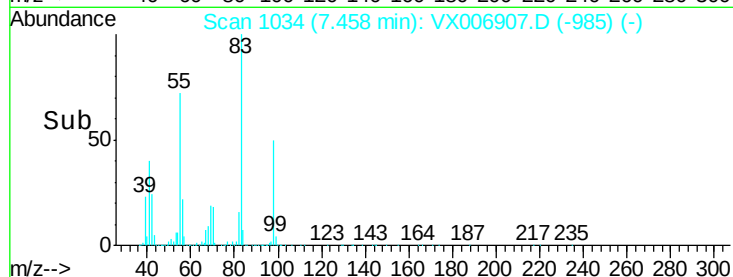
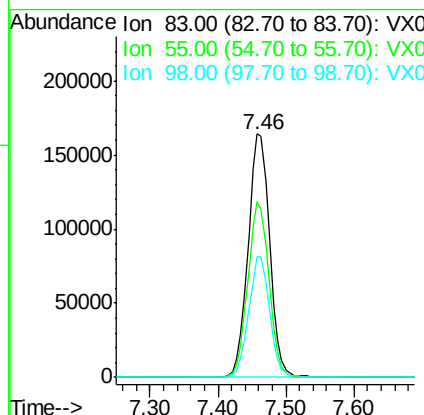
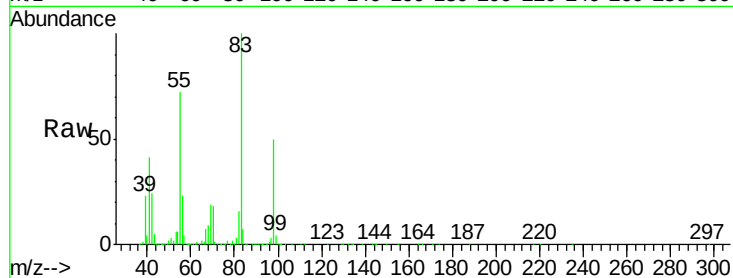
#39
Methylvlcyclohexane
Concen: 41.388 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	72.0	54.9	82.3
98	49.8	37.9	56.9

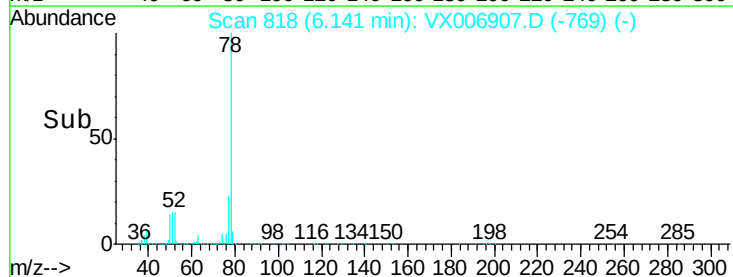
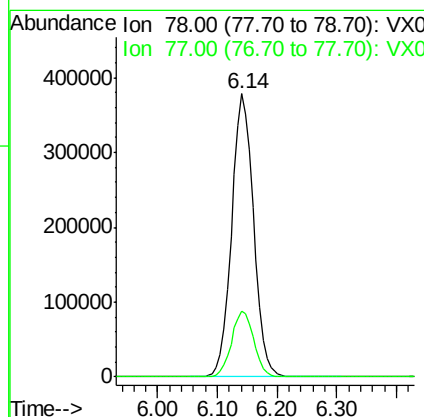
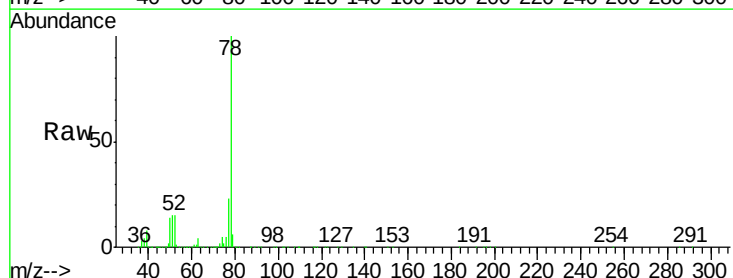
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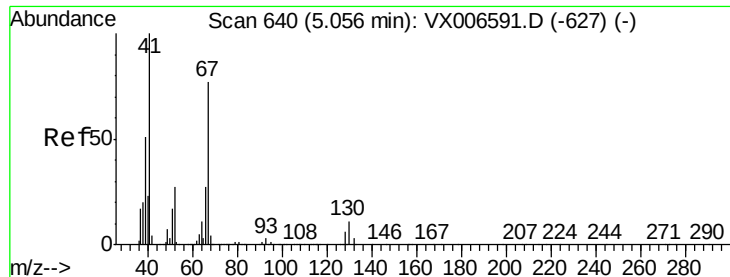
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#40
Benzene
Concen: 47.842 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.2	28.8





#41

Methacrylonitrile

Concen: 54.230 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

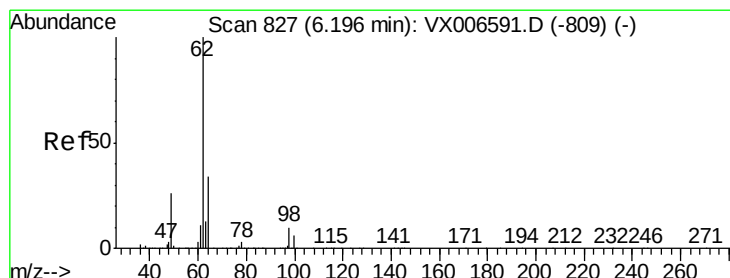
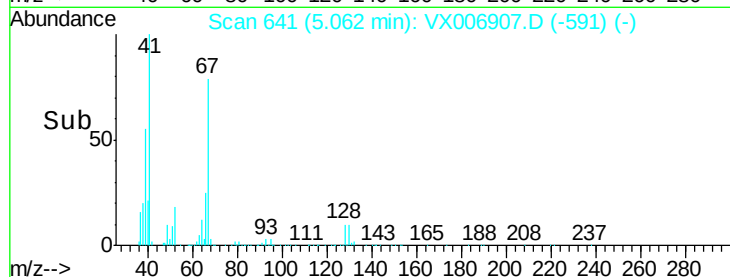
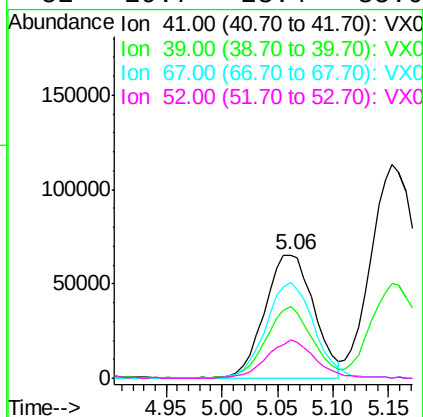
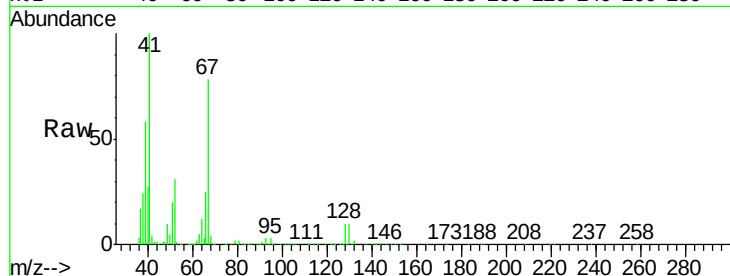
ClientSampled :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Lower	Upper
199107	41	100		
	39	54.1	42.8	64.2
	67	76.7	62.1	93.1
	52	29.7	23.4	35.0

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1/4/2019 10:01:37 AM



#42

1,2-Dichloroethane

Concen: 49.086 ug/l

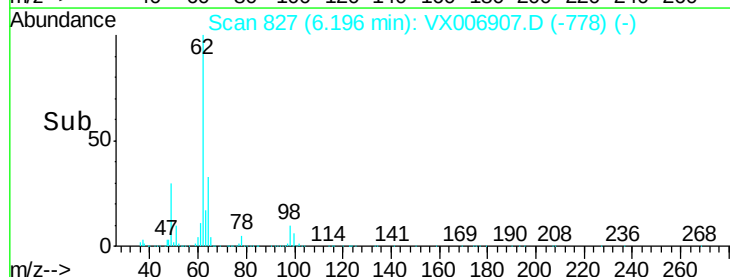
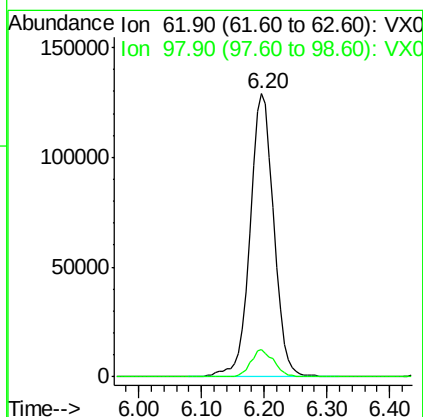
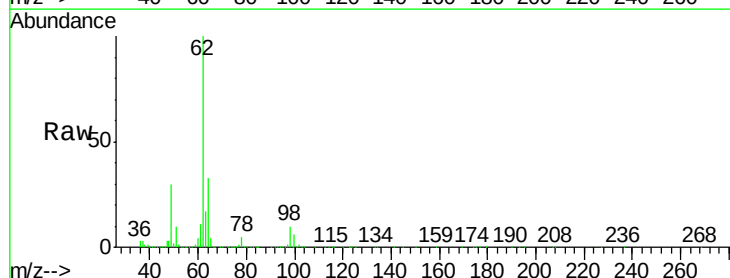
RT: 6.20 min Scan# 827

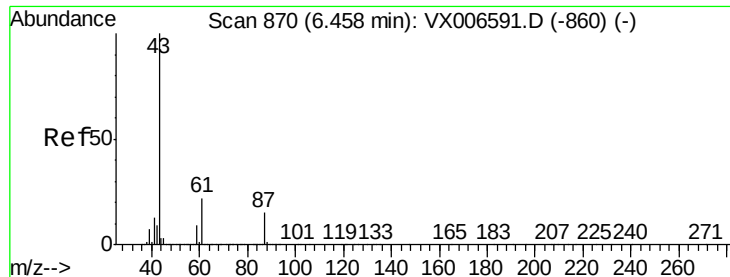
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion	Ion	Ratio	Lower	Upper
337808	62	100		
	98	9.5	0.0	20.2





#43

Isopropyl Acetate

Concen: 55.124 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

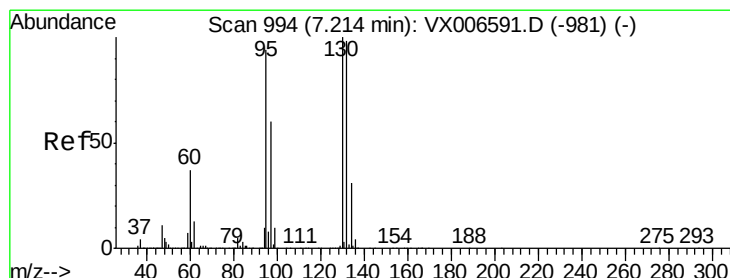
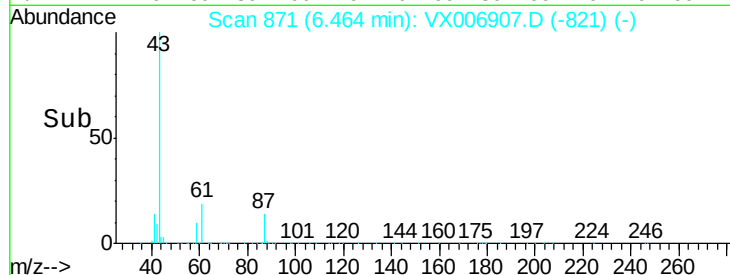
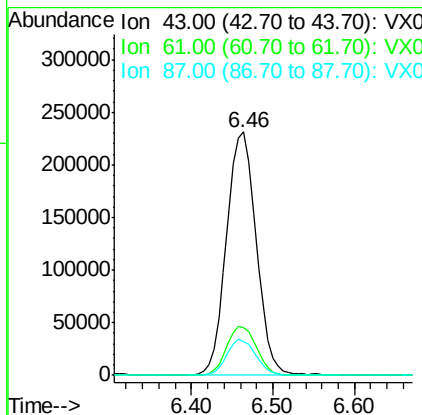
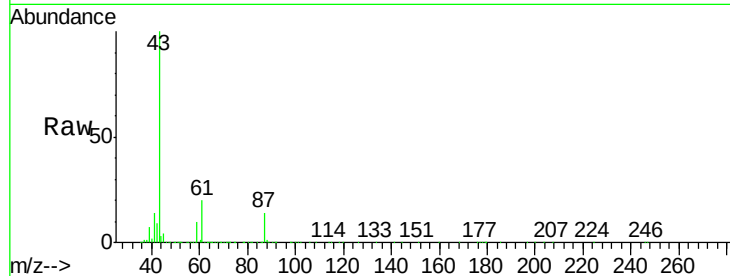
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	580021
Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.6	12.4	18.6

Manual Integrations
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MMDadoda
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#44

Trichloroethene

Concen: 46.597 ug/l

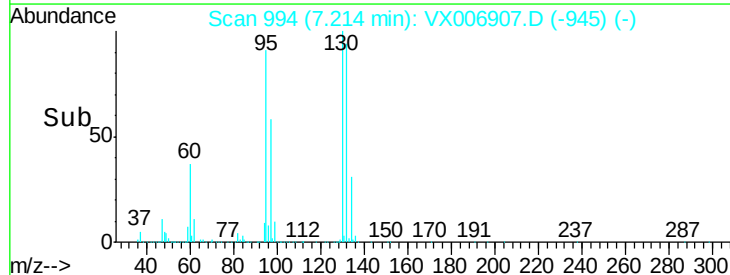
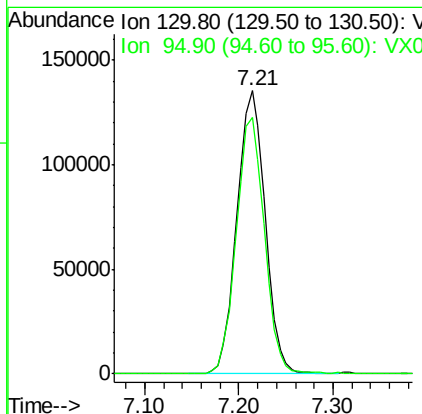
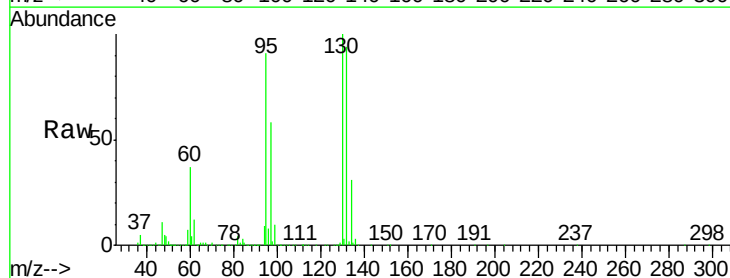
RT: 7.21 min Scan# 994

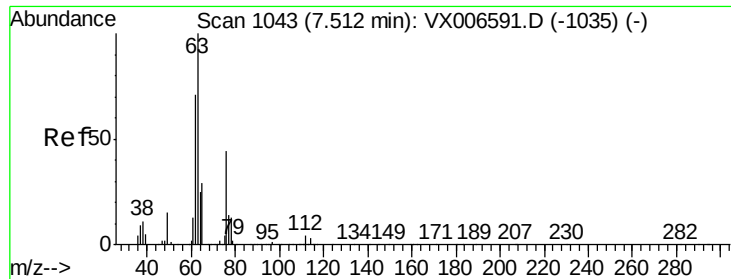
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	130	Resp:	284835
Ion	Ratio	Lower	Upper
130	100		
95	90.8	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.588 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 253543

Ion Ratio Lower Upper

63 100

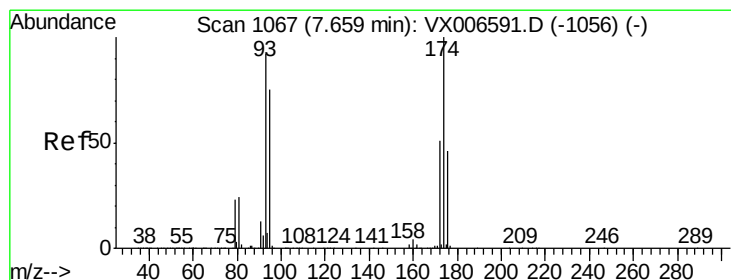
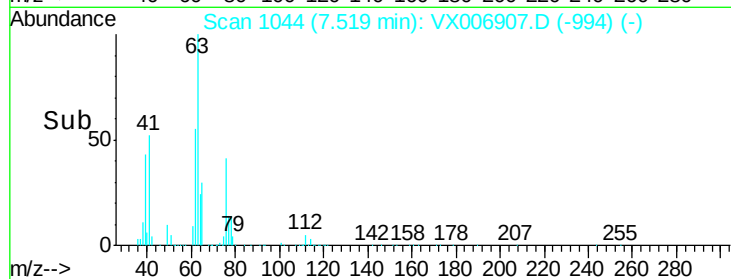
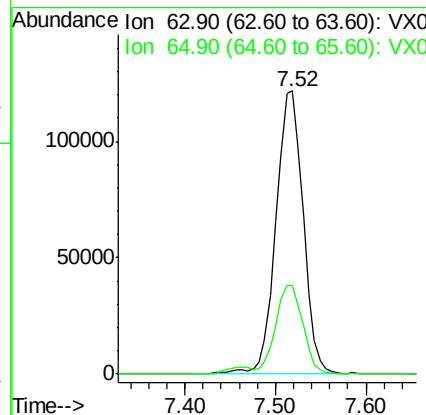
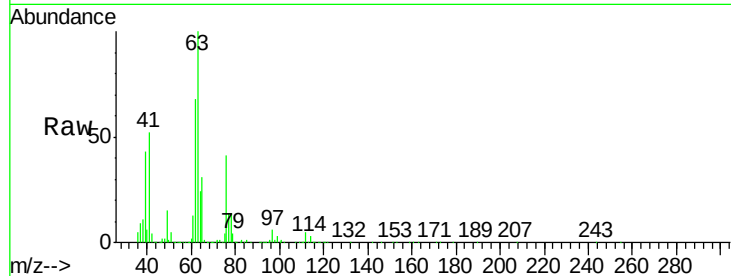
65 31.2 25.4 38.0

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#46

Dibromomethane

Concen: 49.170 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

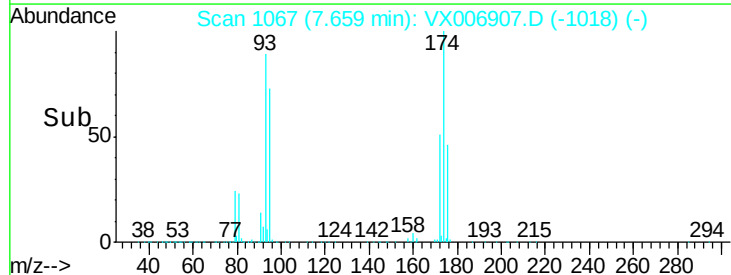
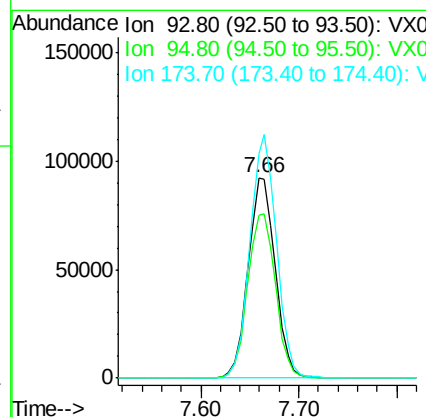
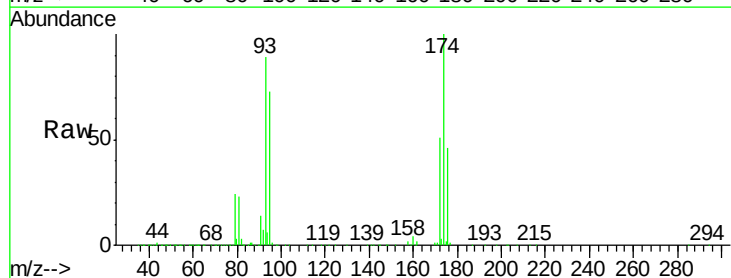
Tgt Ion: 93 Resp: 177752

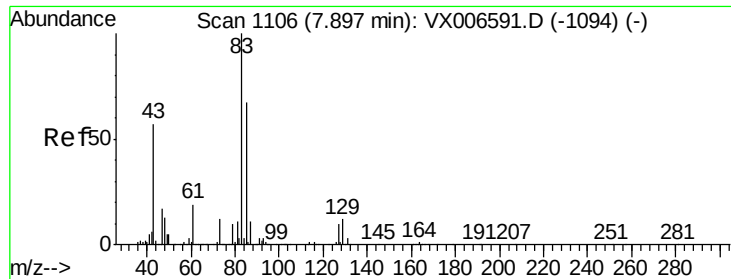
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 118.9 91.0 136.4





#47

Bromodichloromethane

Concen: 52.567 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

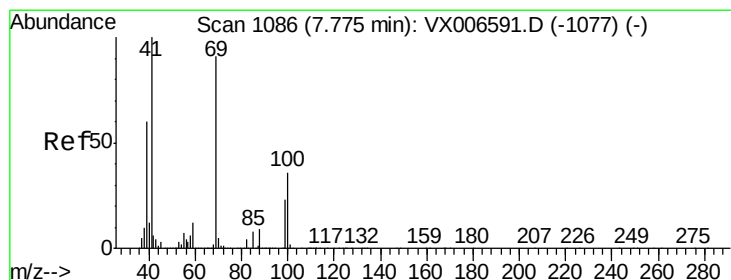
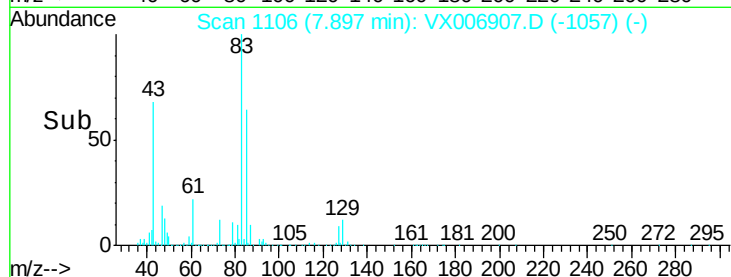
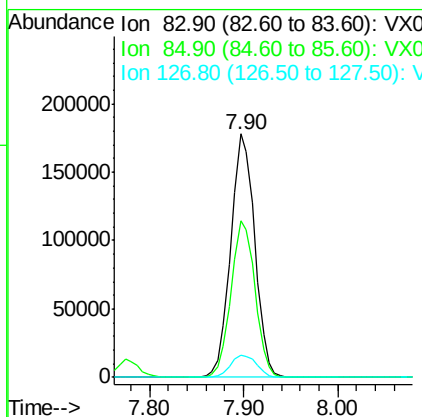
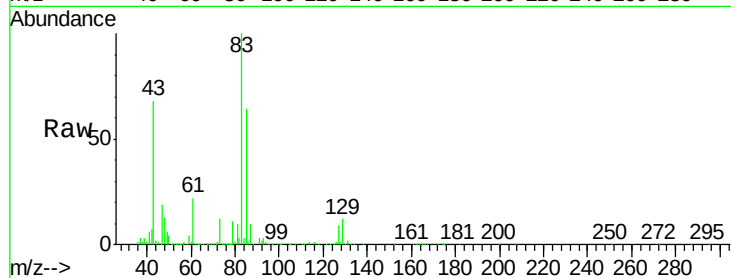
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	315497
Ion	Ratio	Lower	Upper
83	100		
85	64.4	53.2	79.8
127	9.2	7.8	11.6

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#48

Methyl methacrylate

Concen: 54.849 ug/l

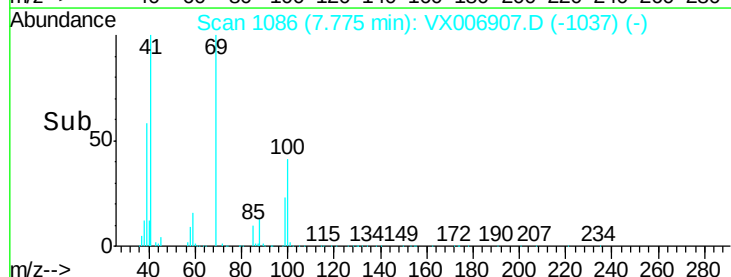
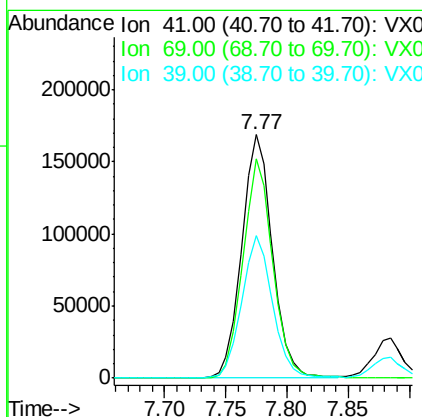
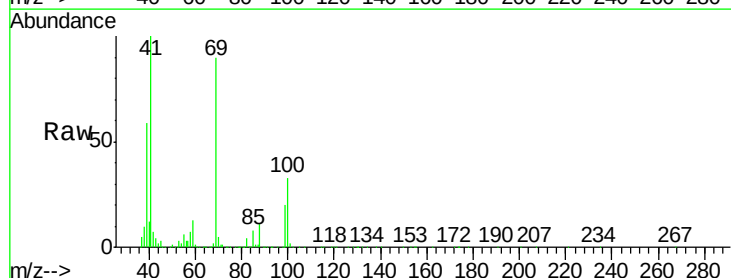
RT: 7.77 min Scan# 1086

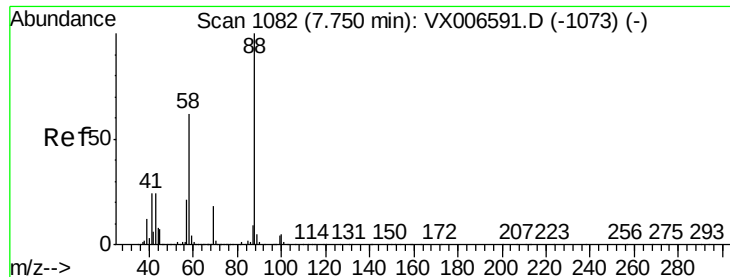
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	41	Resp:	293487
Ion	Ratio	Lower	Upper
41	100		
69	88.0	72.4	108.6
39	58.4	45.8	68.8





#49

1,4-Dioxane

Concen: 892.158 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

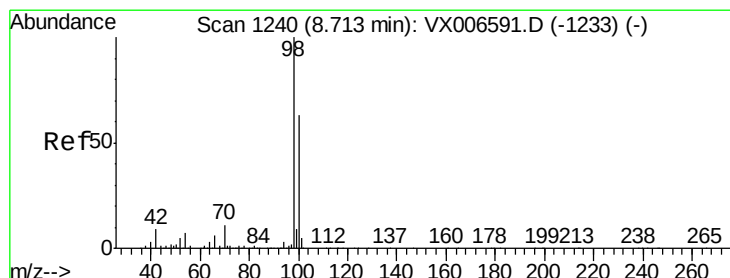
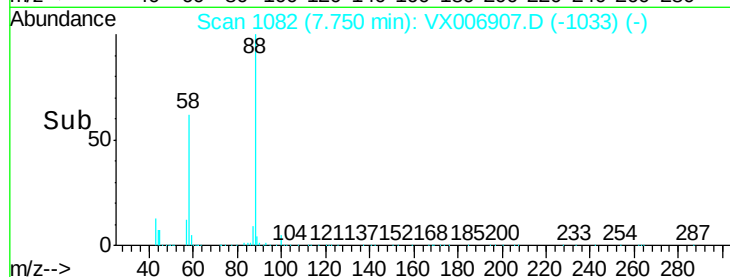
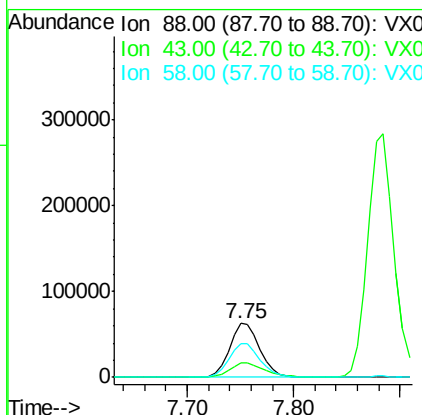
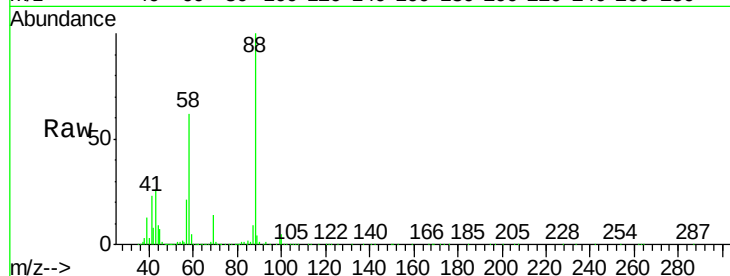
ClientSampleId :

VSTDCCC050EC

Tot Ion:	88	Resp:	125203
Ion	Ratio	Lower	Upper
88	100		
43	30.1	22.2	33.4
58	64.4	51.0	76.4

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#50

Toluene-d8

Concen: 49.667 ug/l

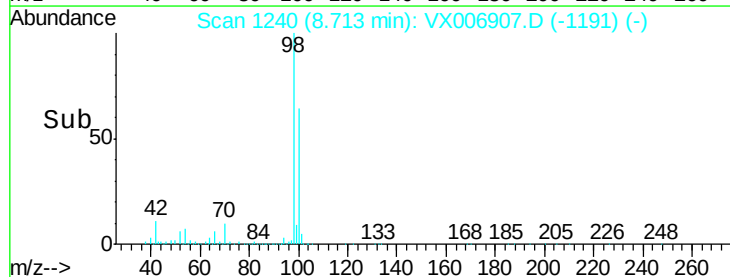
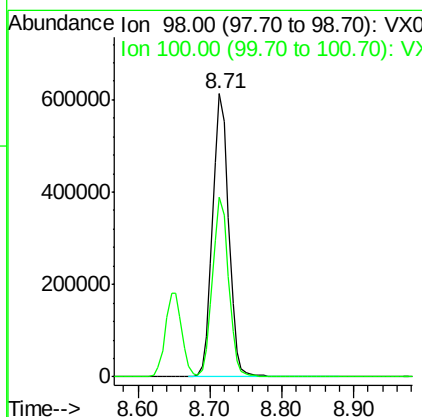
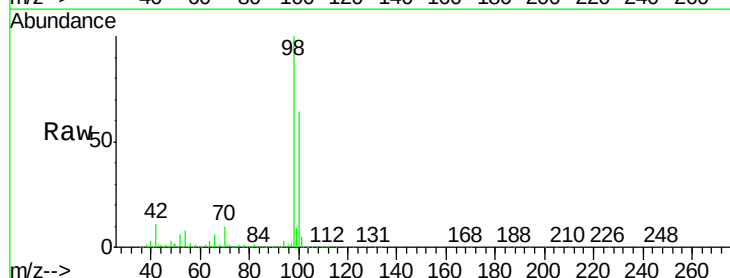
RT: 8.71 min Scan# 1240

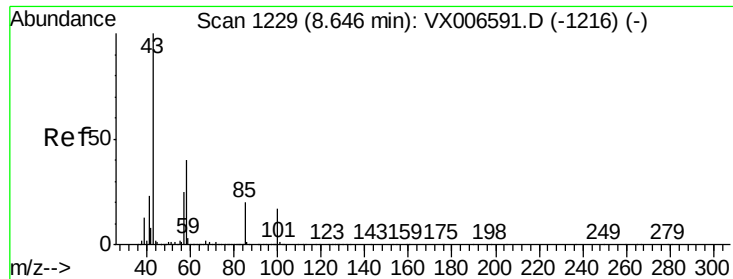
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	98	Resp:	949923
Ion	Ratio	Lower	Upper
98	100		
100	63.2	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 269.577 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tot Ion: 43 Resp: 1804790

Ion Ratio Lower Upper

43 100

58 38.9 31.8 47.6

Instrument :

MSVOA_X

ClientSampleId :

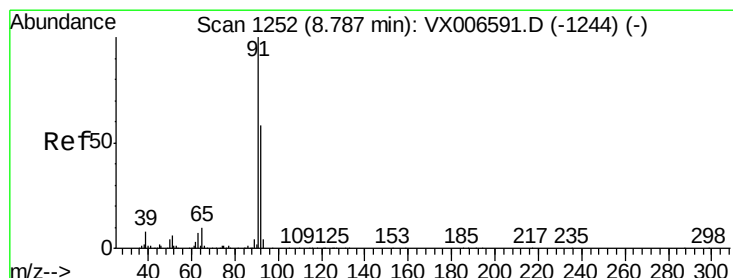
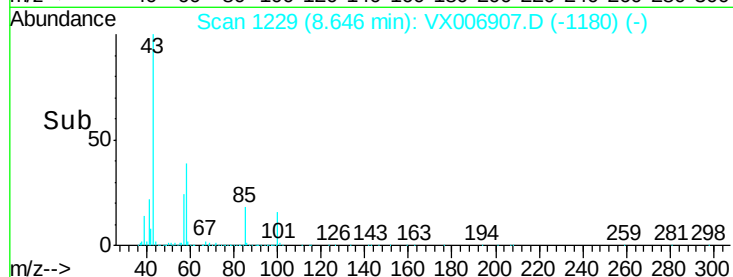
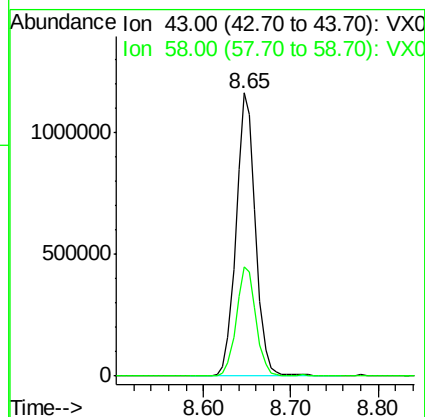
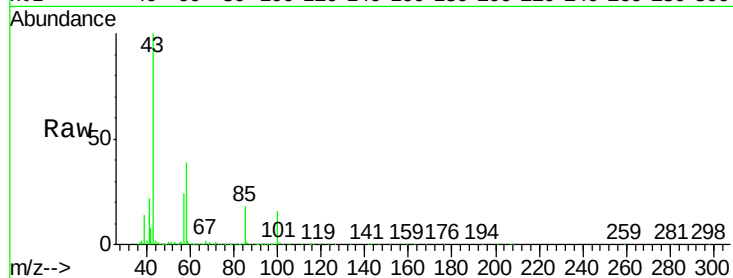
VSTDCCC050EC

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#52

Toluene

Concen: 48.333 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006907.D

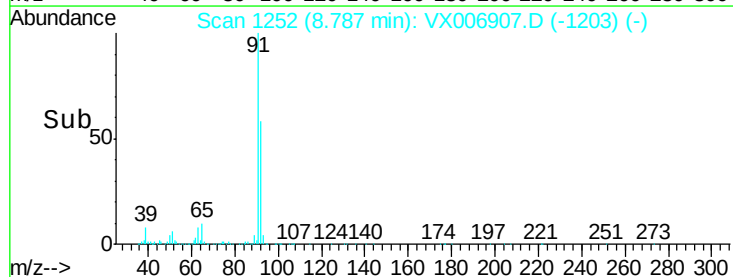
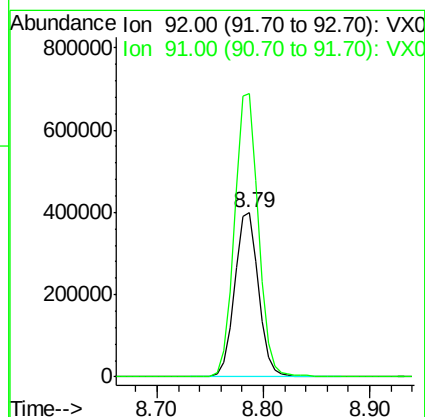
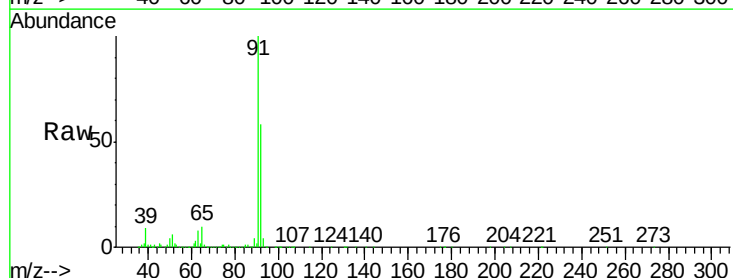
Acq: 03 Jan 2019 20:45

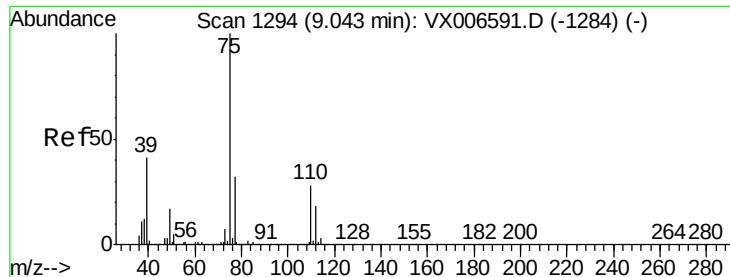
Tgt Ion: 92 Resp: 630632

Ion Ratio Lower Upper

92 100

91 172.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 54.173 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 348701

Ion Ratio Lower Upper

75 100

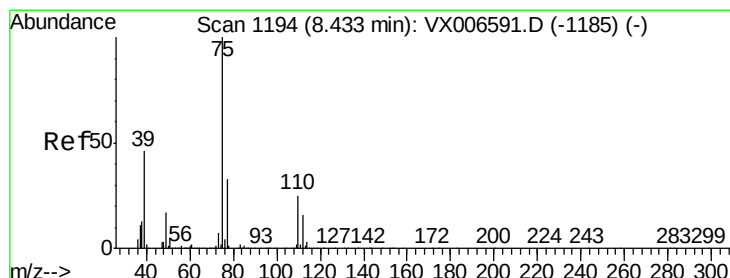
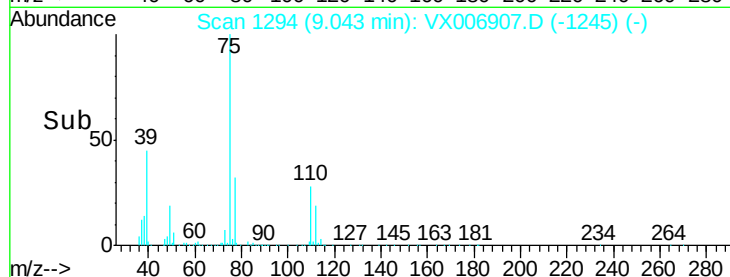
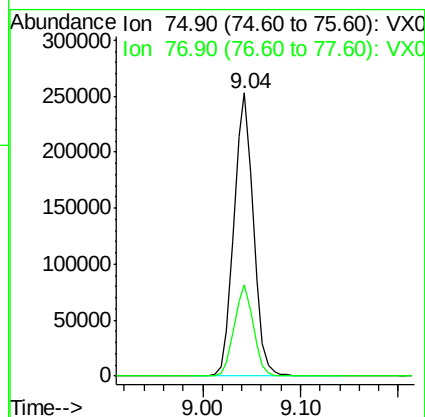
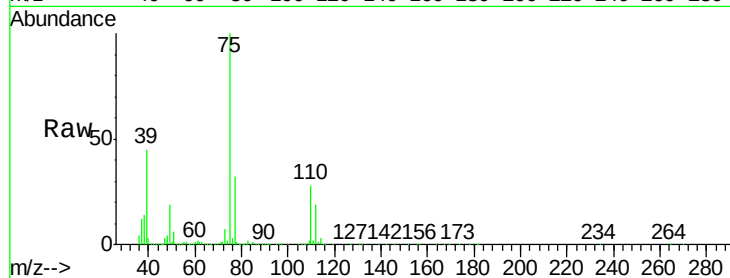
77 32.4 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 53.656 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

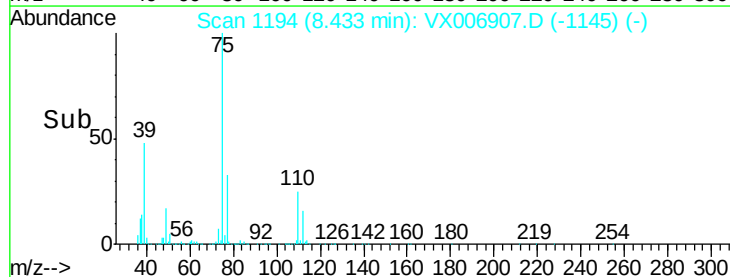
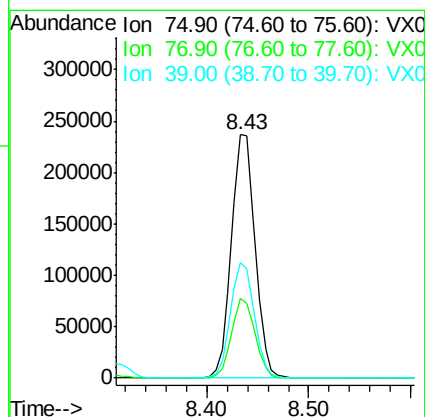
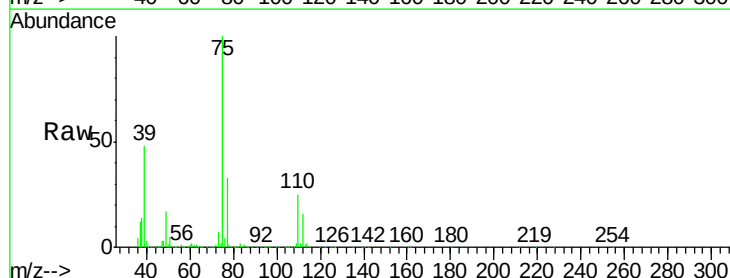
Tgt Ion: 75 Resp: 378961

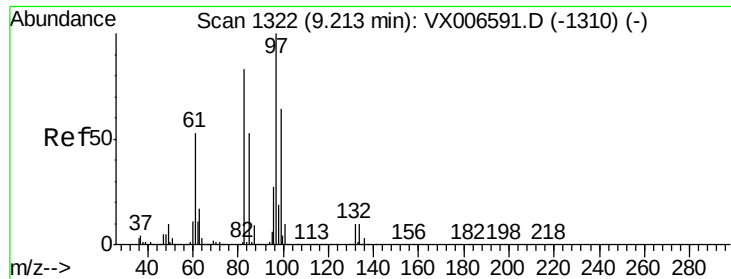
Ion Ratio Lower Upper

75 100

77 32.7 26.2 39.2

39 47.6 36.7 55.1





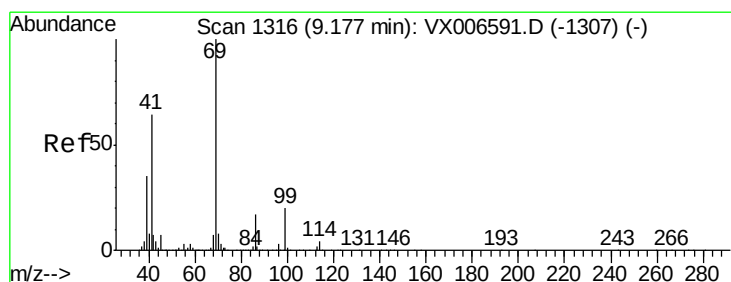
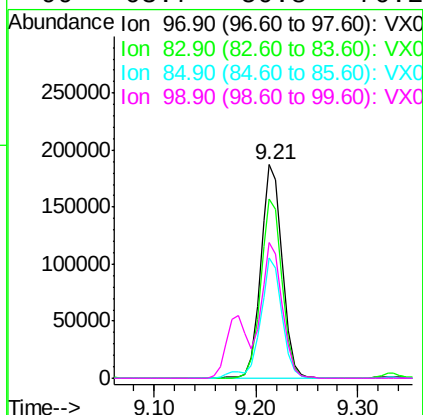
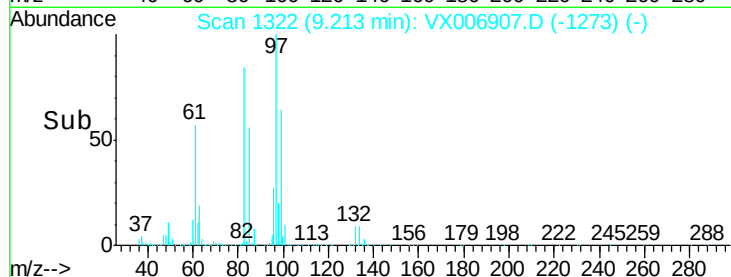
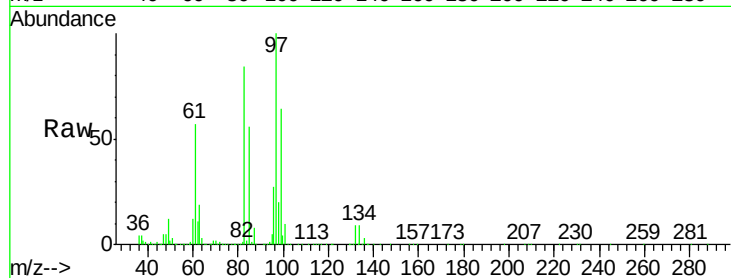
#55
 1,1,2-Trichloroethane
 Concen: 51.612 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		275641		
83	84.1	66.6	99.8		
85	56.1	42.7	64.1		
99	63.7	50.8	76.2		

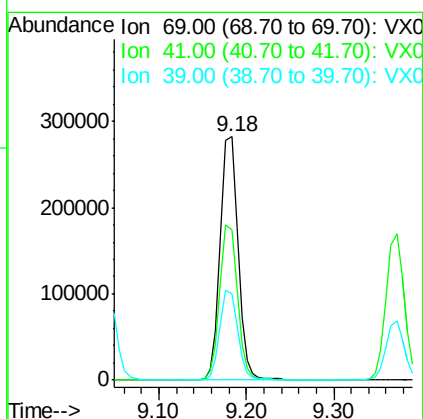
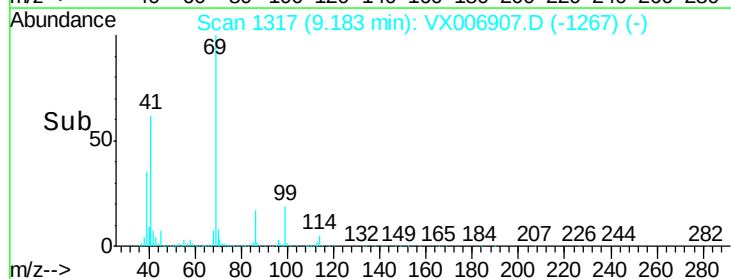
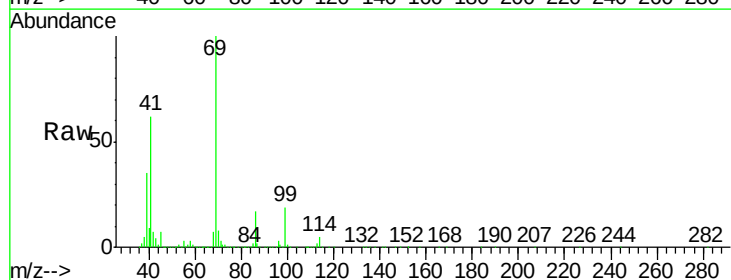
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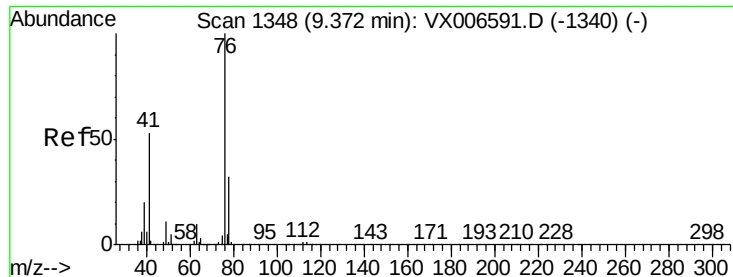
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 1/4/2019 10:01:37 AM



#56
 Ethyl methacrylate
 Concen: 53.257 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.01 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		401997		
41	63.2	48.7	73.1		
39	36.4	27.0	40.6		





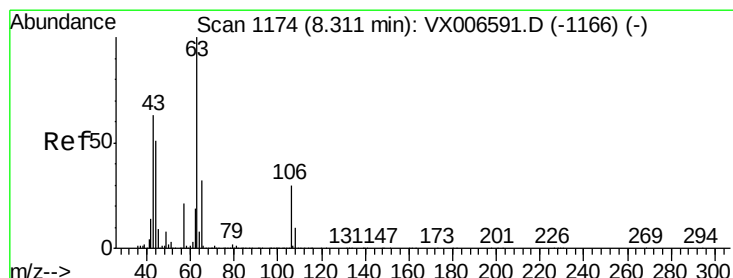
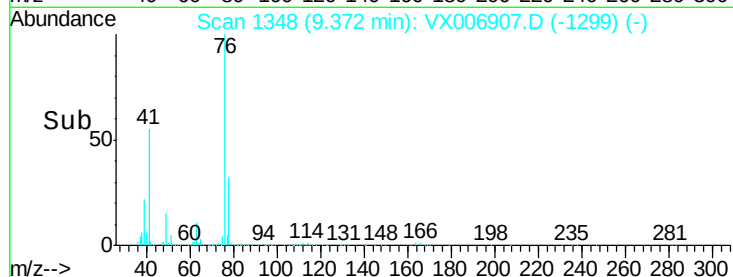
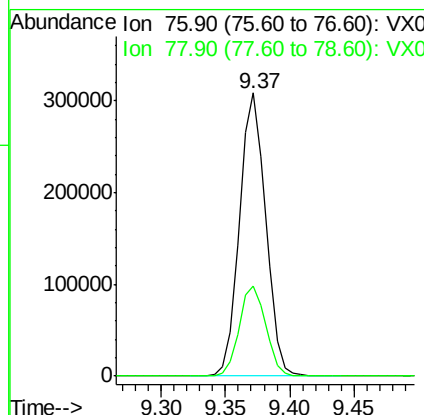
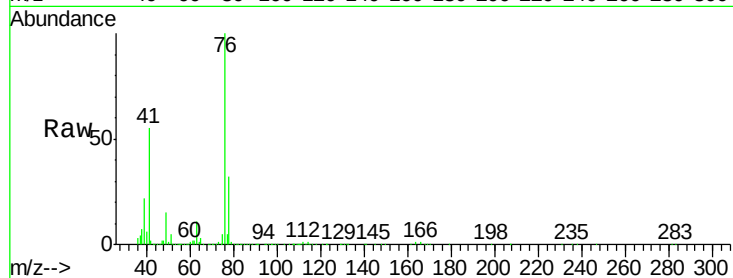
#57
 1,3-Dichloropropane
 Concen: 50.649 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.0	26.0	39.0

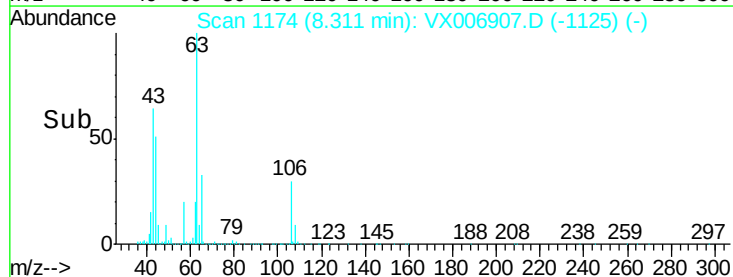
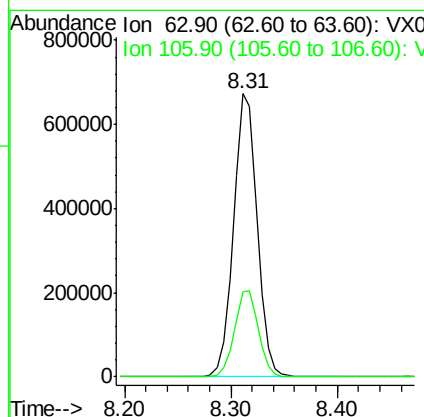
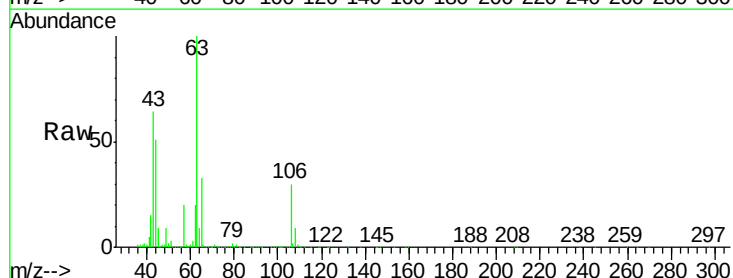
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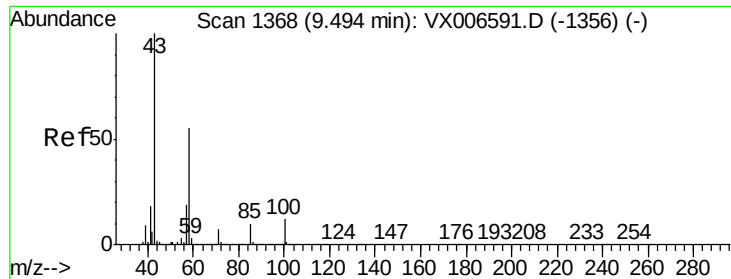
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#58
 2-Chloroethyl Vinyl ether
 Concen: 260.516 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.0	24.6	36.8





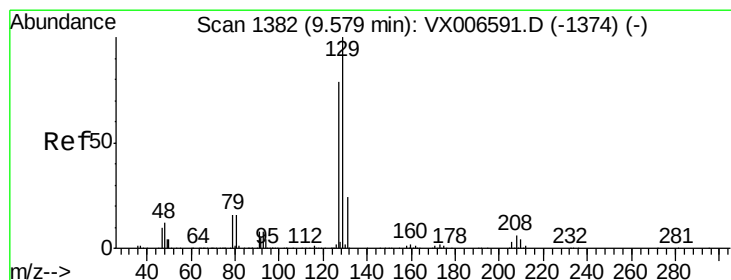
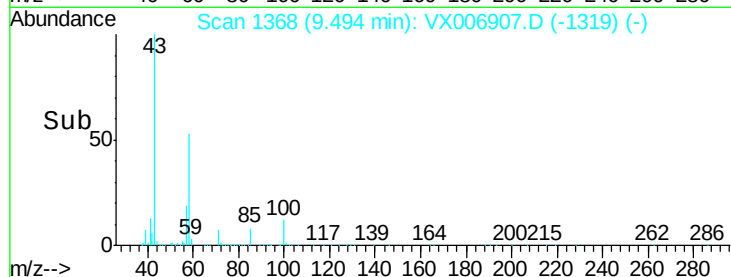
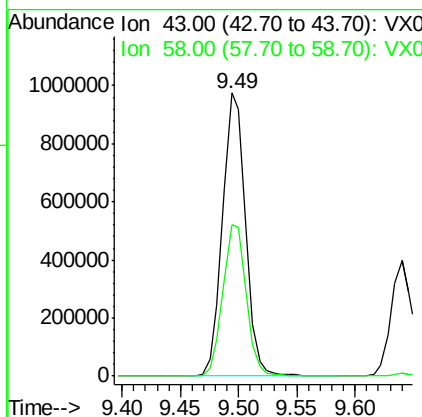
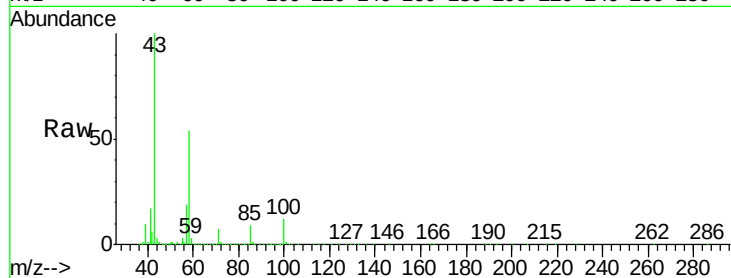
#59
2-Hexanone
Concen: 259.931 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1331468
Ion Ratio Lower Upper
43 100
58 54.6 27.7 83.1

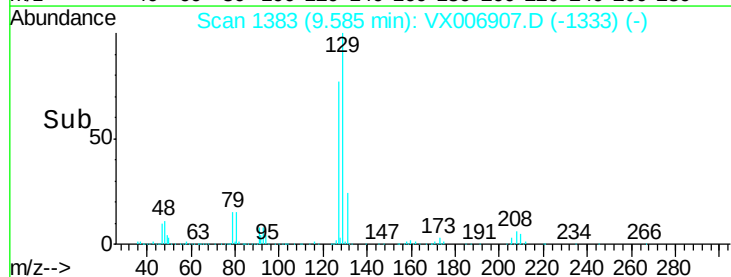
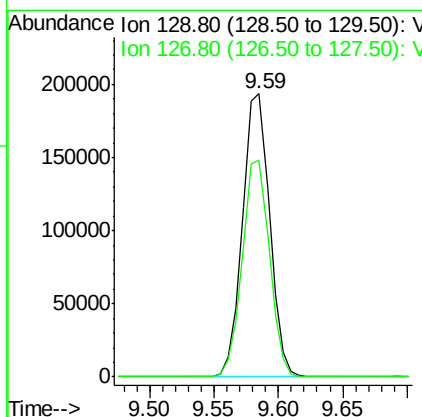
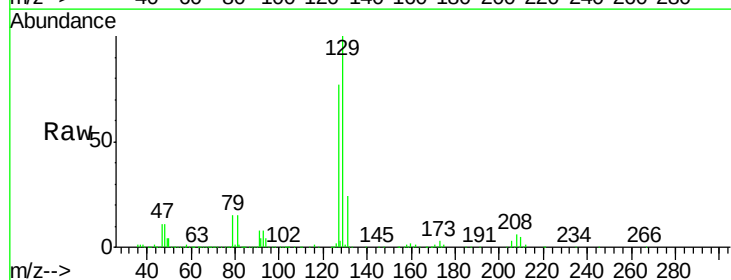
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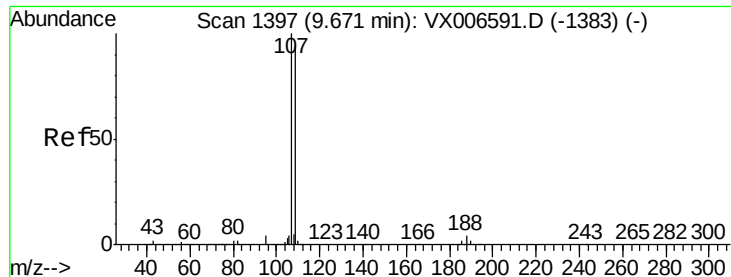
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1/4/2019 10:01:37 AM



#60
Dibromochloromethane
Concen: 50.287 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 129 Resp: 280963
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.803 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 294100

Ion Ratio Lower Upper

107 100

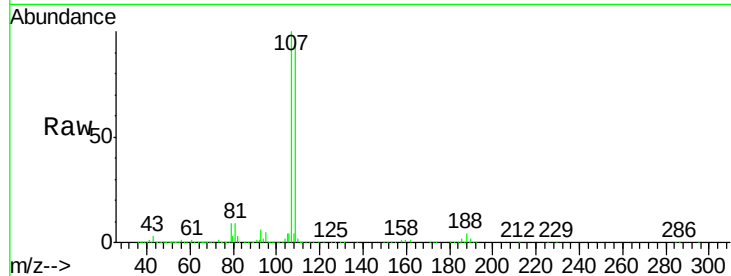
109 93.3 75.8 113.6

Manual Integrations

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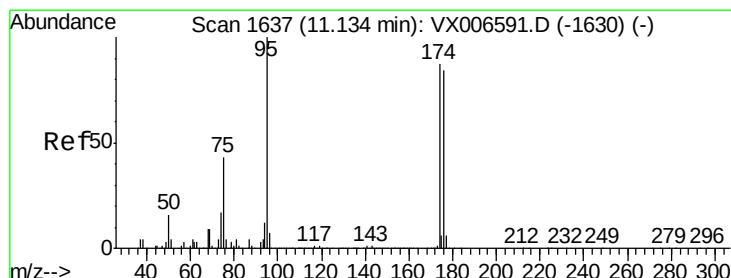
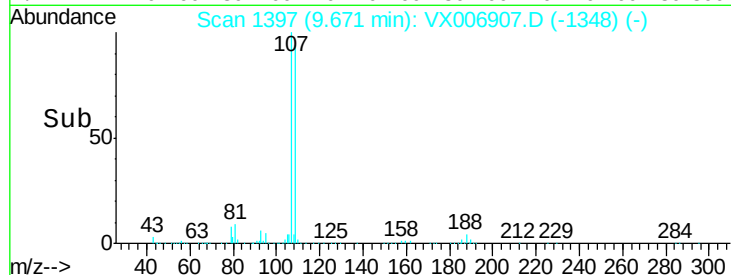
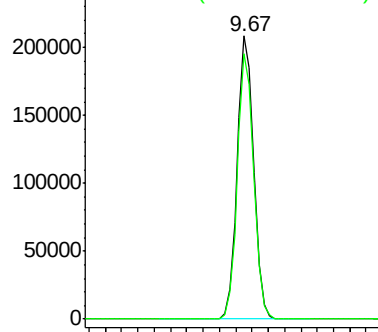
MMDadoda

1/4/2019 10:01:37 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 47.583 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

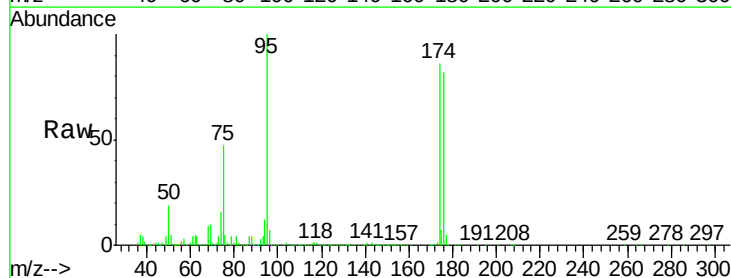
Tgt Ion: 95 Resp: 333303

Ion Ratio Lower Upper

95 100

174 95.0 0.0 182.2

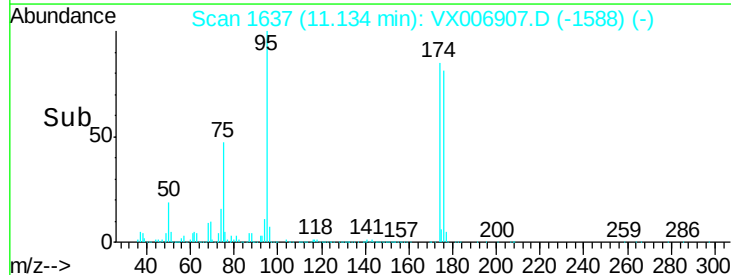
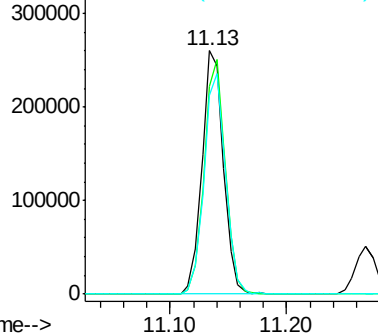
176 91.1 0.0 178.8

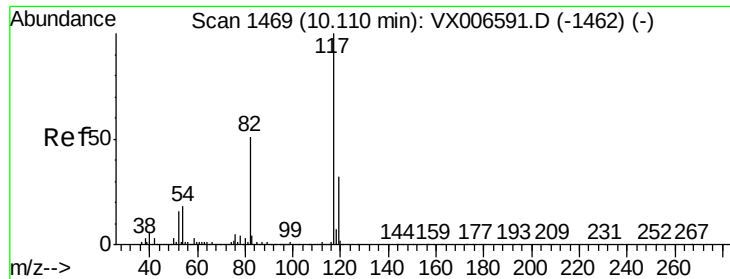


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





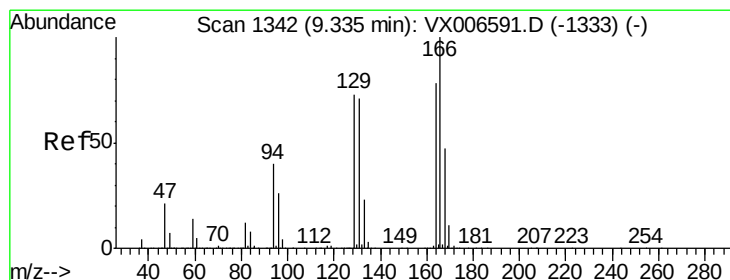
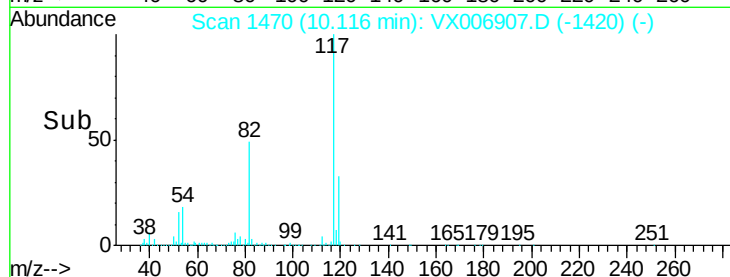
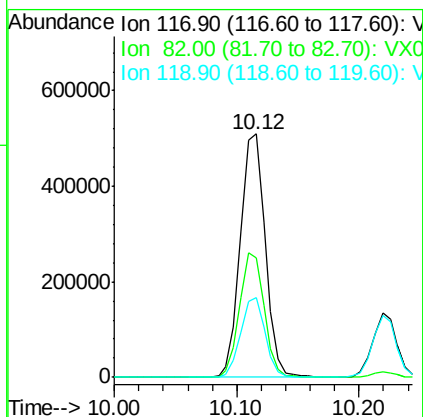
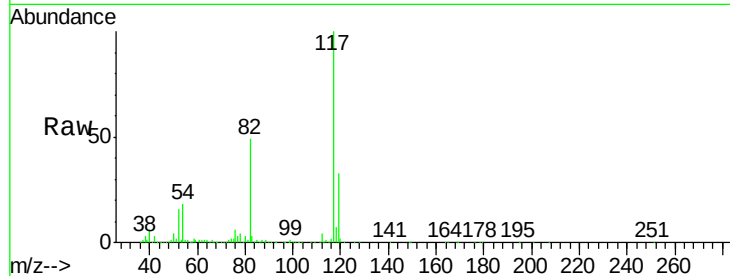
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	720914		
82	49.1		41.0	61.6
119	33.0		25.4	38.0

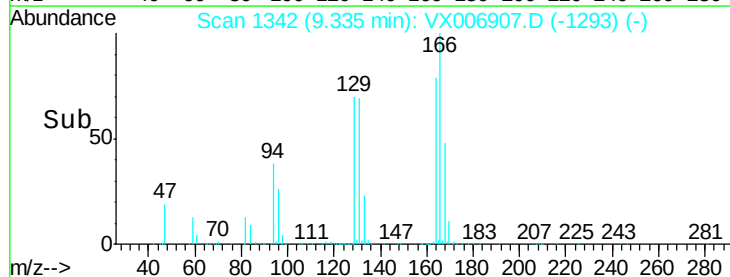
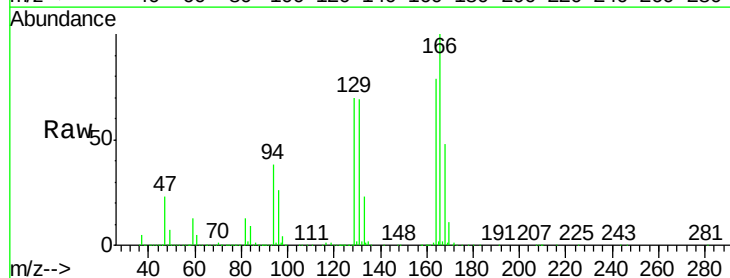
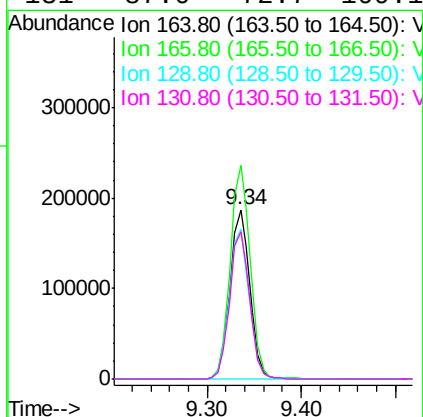
Manual Integrations
APPROVED

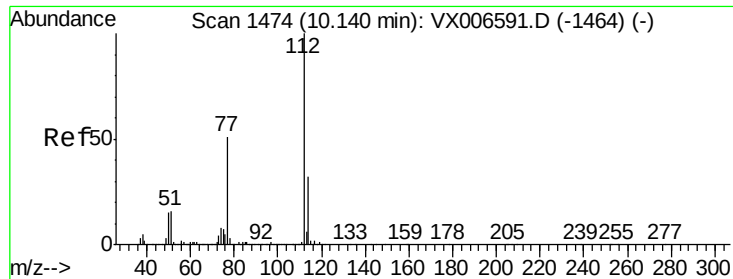
MMDadoda
1/4/2019 10:01:37 AM



#64
Tetrachloroethene
Concen: 48.178 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	275024		
166	126.2		102.5	153.7
129	88.6		75.1	112.7
131	87.0		72.7	109.1





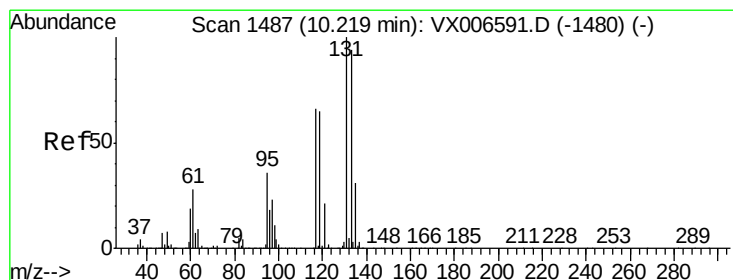
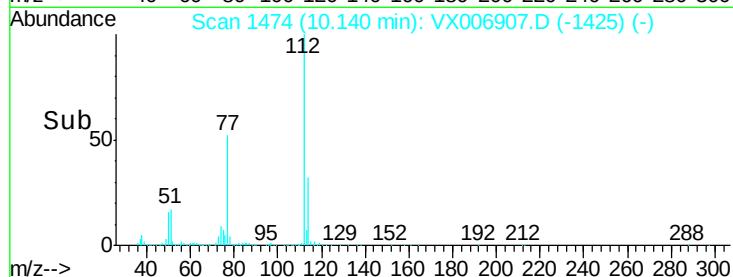
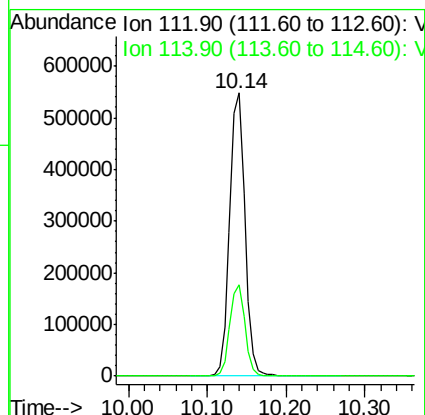
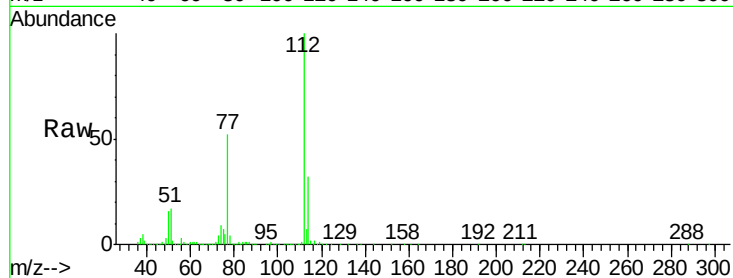
#65
Chlorobenzene
Concen: 48.582 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

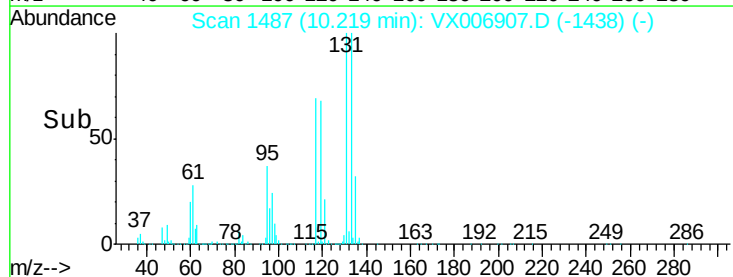
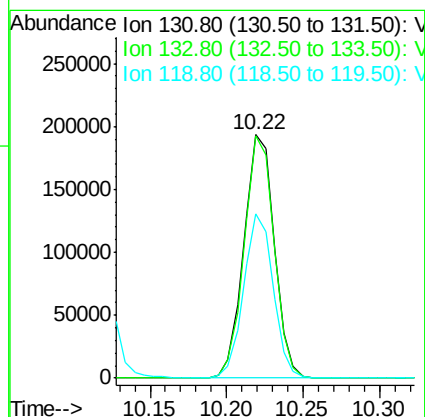
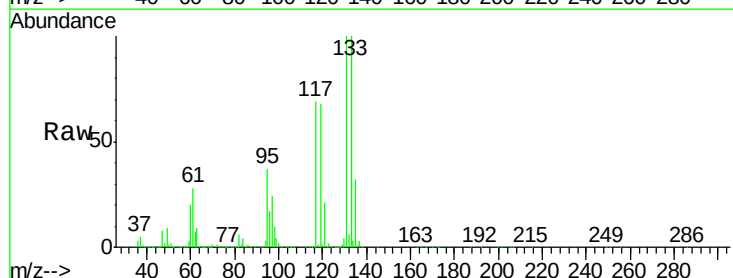
Manual Integrations
APPROVED

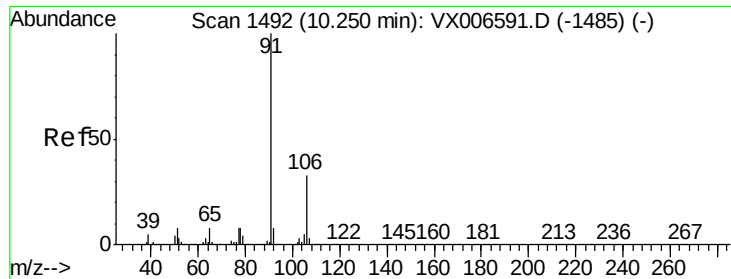
MMDadoda
1/4/2019 10:01:37 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 56.268 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.5	48.0	144.2
119	65.1	32.6	97.8





#67

Ethyl Benzene

Concen: 48.235 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1202109

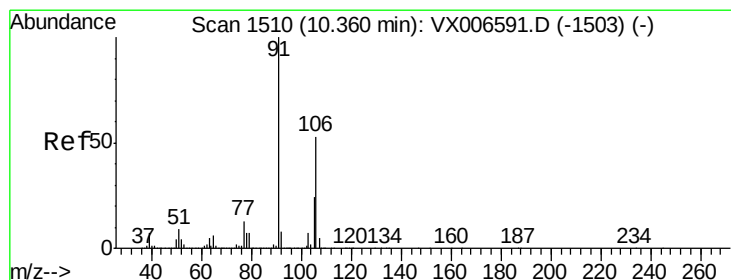
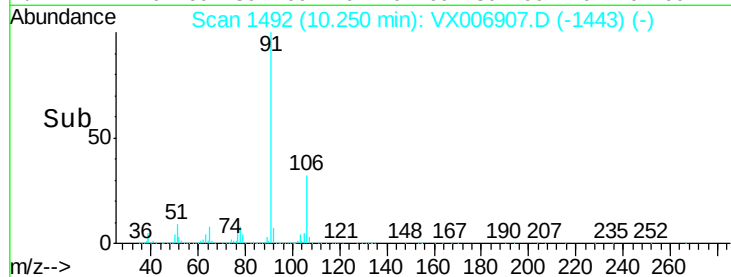
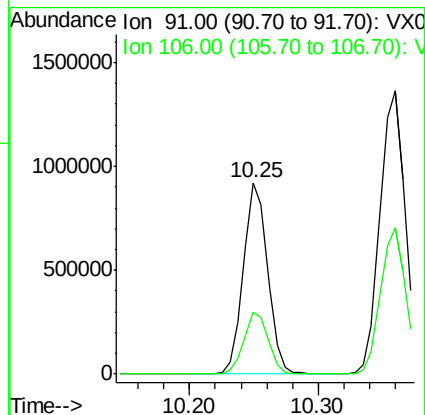
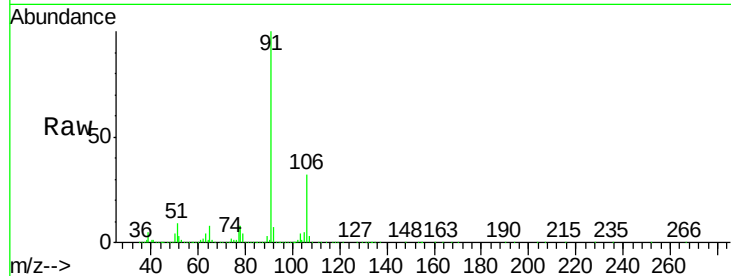
Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 96.832 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006907.D

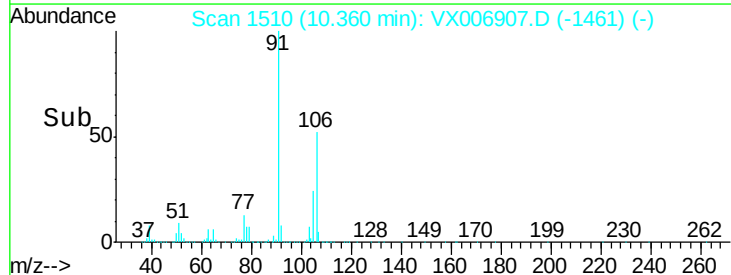
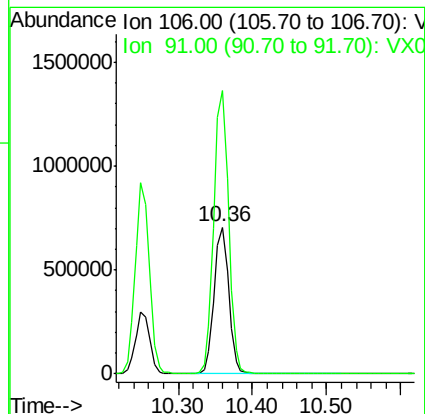
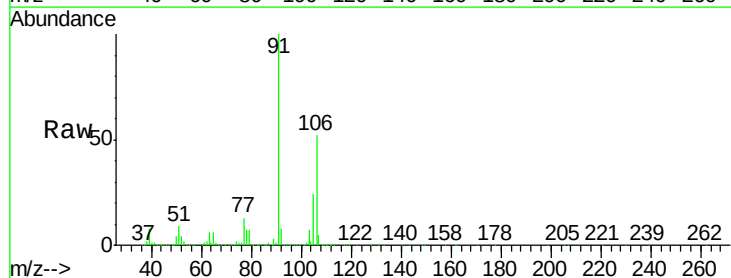
Acq: 03 Jan 2019 20:45

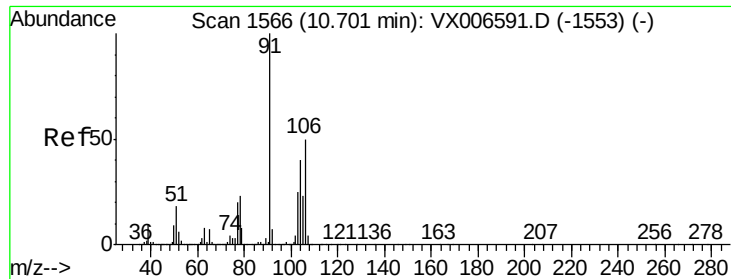
Tgt Ion: 106 Resp: 952266

Ion Ratio Lower Upper

106 100

91 195.6 155.8 233.6





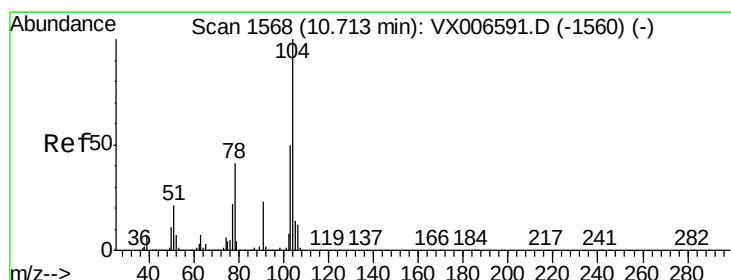
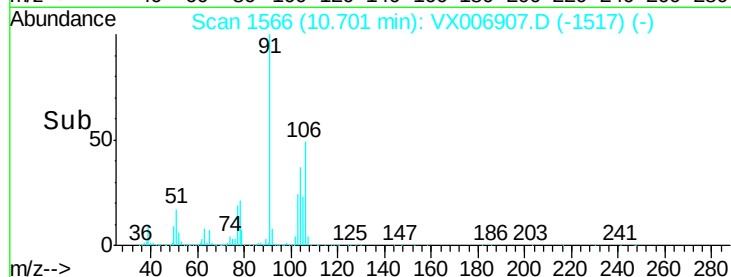
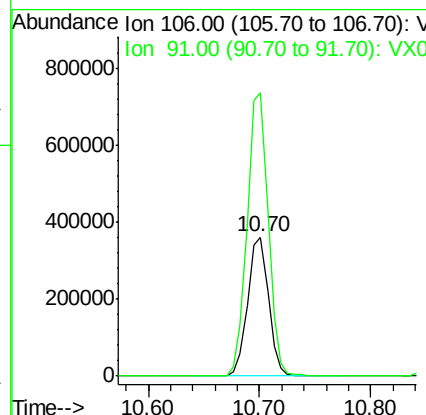
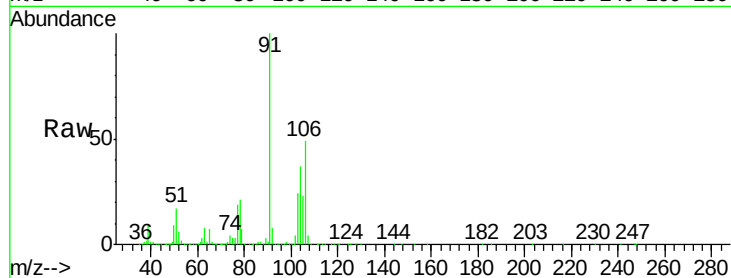
#69
o-Xylene
Concen: 48.735 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:106 Resp: 473263
Ion Ratio Lower Upper
106 100
91 205.4 101.3 303.7

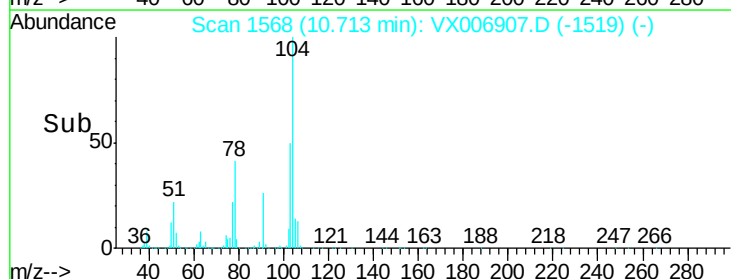
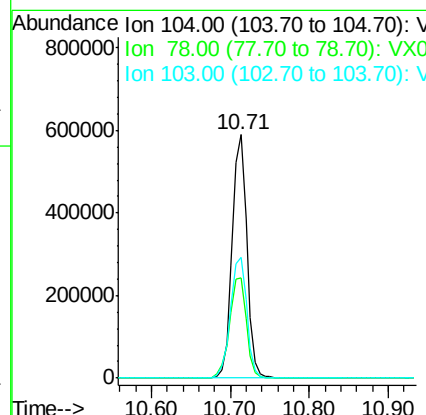
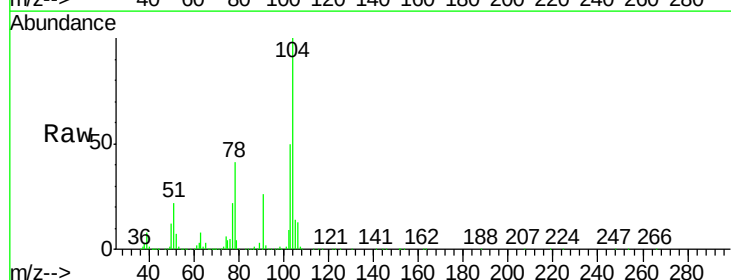
Manual Integrations
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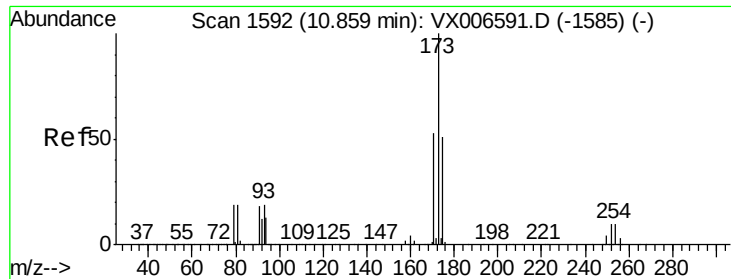
MMDadoda
1/4/2019 10:01:37 AM



#70
Styrene
Concen: 49.945 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion:104 Resp: 767331
Ion Ratio Lower Upper
104 100
78 47.0 37.7 56.5
103 55.1 43.8 65.8





#71

Bromoform

Concen: 48.453 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

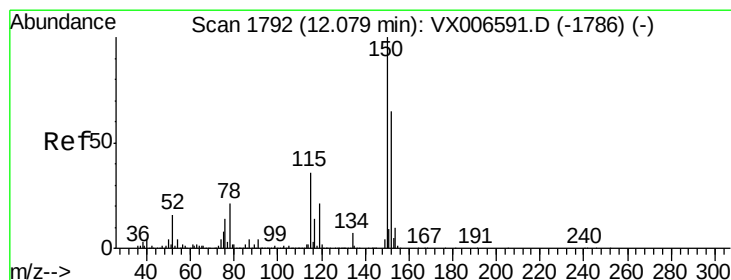
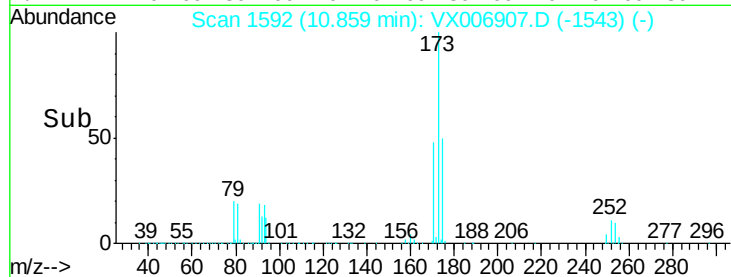
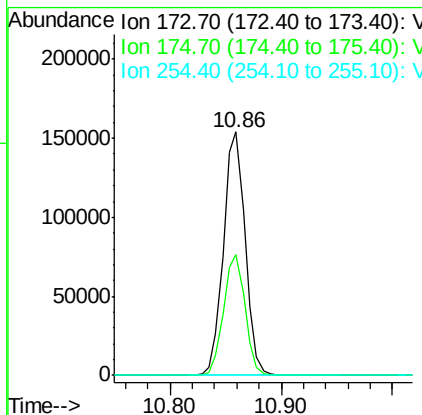
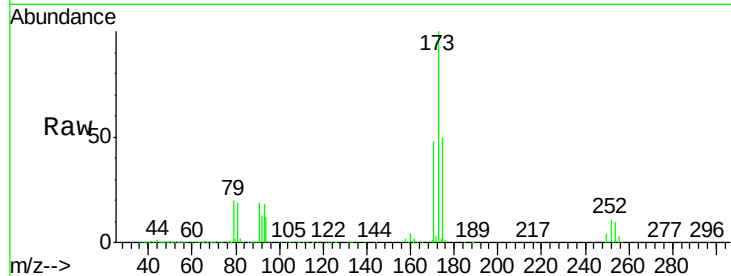
ClientSampleId :

VSTDCCC050EC

Tot Ion:	173	Resp:	207320
Ion Ratio	Lower	Upper	
173	100		
175	48.9	24.7	74.1
254	0.2	0.2	0.2#

Manual Integrations
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MMDadoda
1/4/2019 10:01:37 AM



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

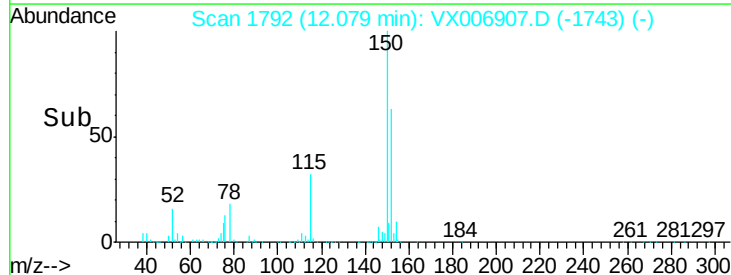
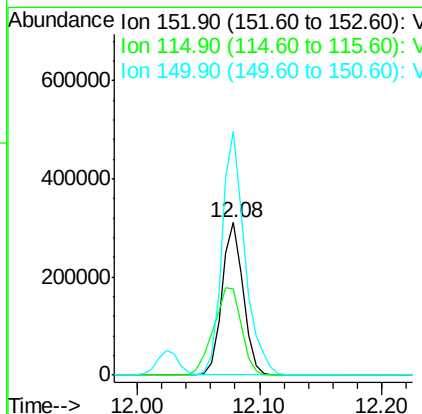
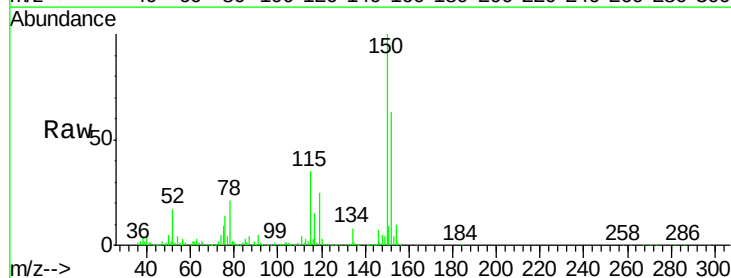
RT: 12.08 min Scan# 1792

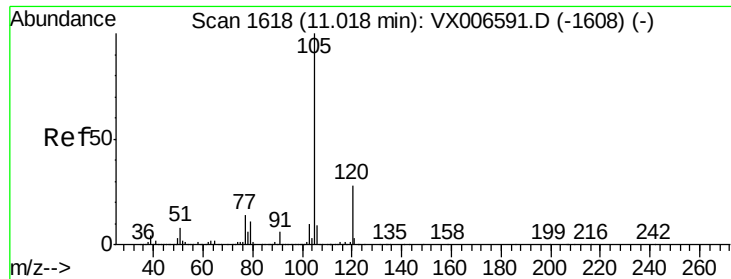
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	152	Resp:	371017
Ion Ratio	Lower	Upper	
152	100		
115	76.4	39.1	117.2
150	173.6	0.0	344.8





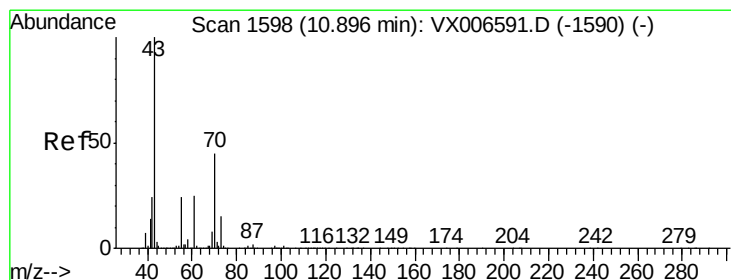
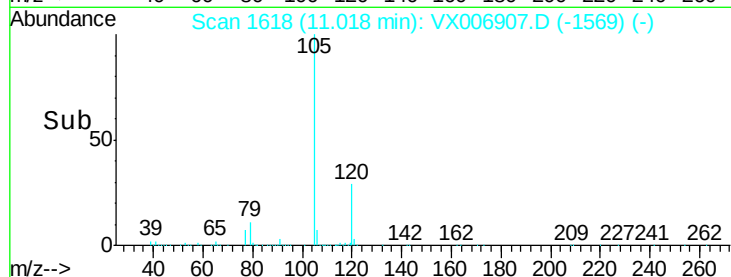
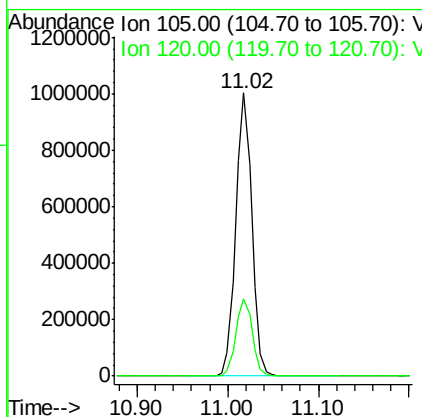
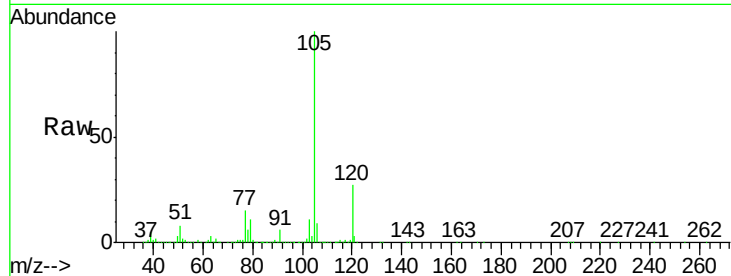
#73
Isopropylbenzene
Concen: 48.635 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:105 Resp: 1234463
Ion Ratio Lower Upper
105 100
120 28.1 14.1 42.4

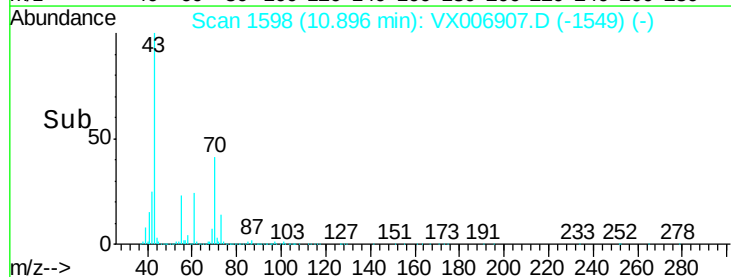
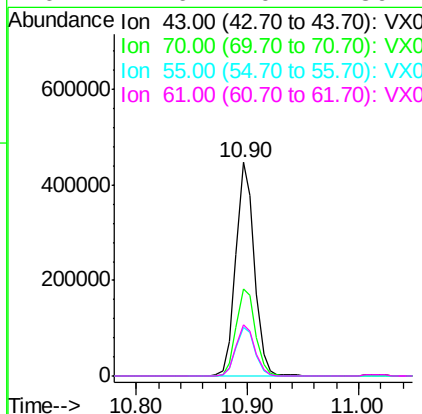
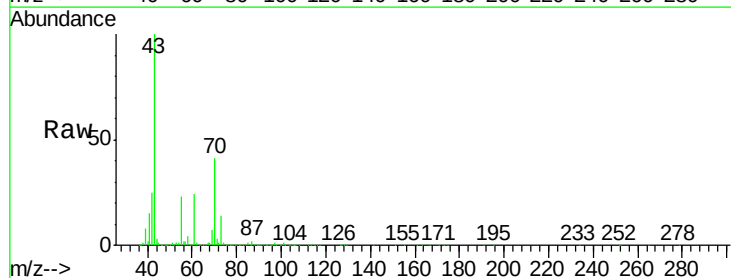
Manual Integrations
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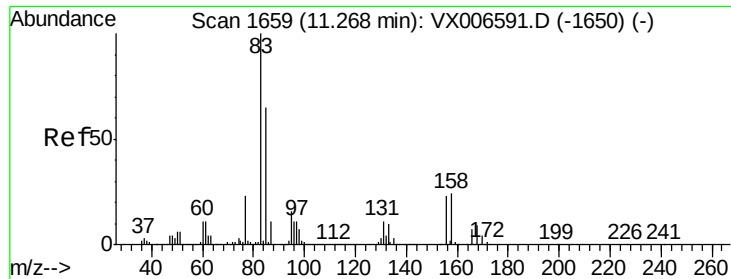
MMDadoda
1/4/2019 10:01:37 AM



#74
N-ethyl acetate
Concen: 56.473 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion: 43 Resp: 513071
Ion Ratio Lower Upper
43 100
70 43.1 35.8 53.8
55 23.9 19.4 29.0
61 24.6 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.255 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 402005

Ion Ratio Lower Upper

83 100

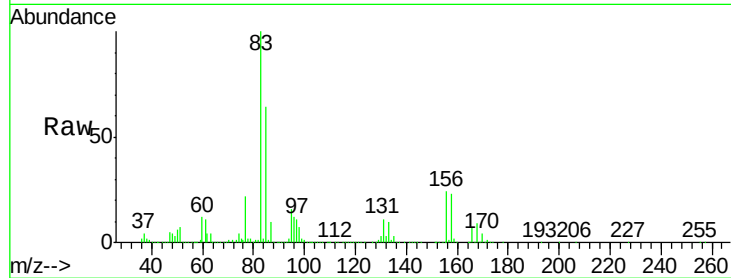
131 11.2 5.7 17.1

85 64.2 32.2 96.6

Manual Integrations
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MMDadoda

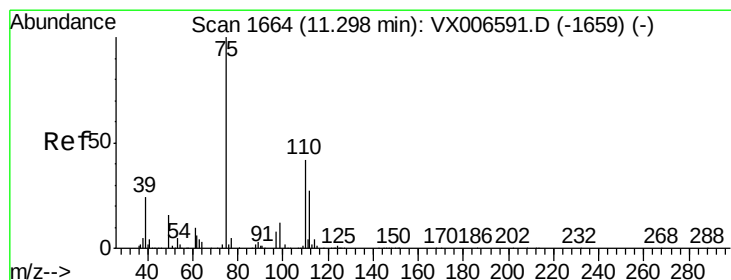
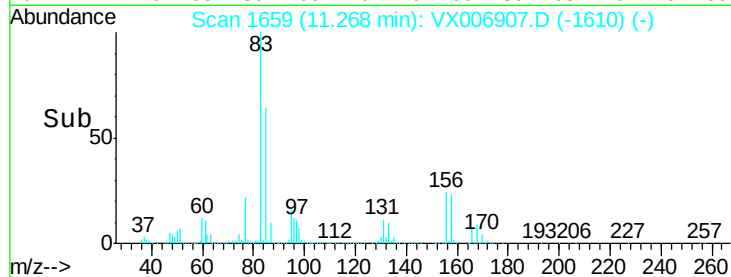
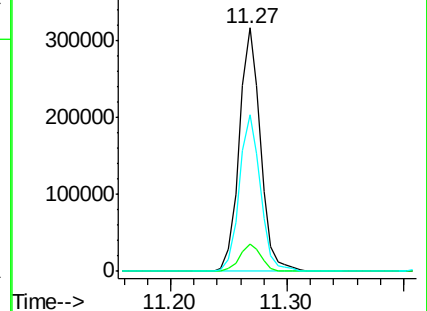
1/4/2019 10:01:37 AM



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: 53.312 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006907.D

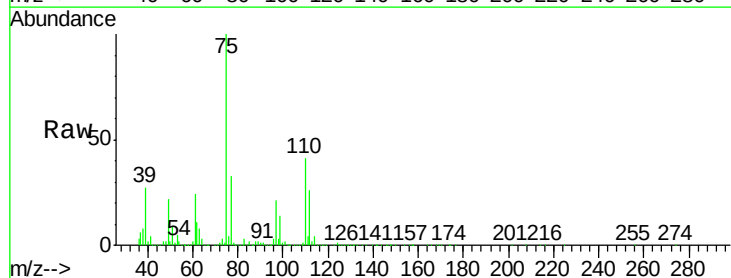
Acq: 03 Jan 2019 20:45

Tgt Ion: 75 Resp: 367588

Ion Ratio Lower Upper

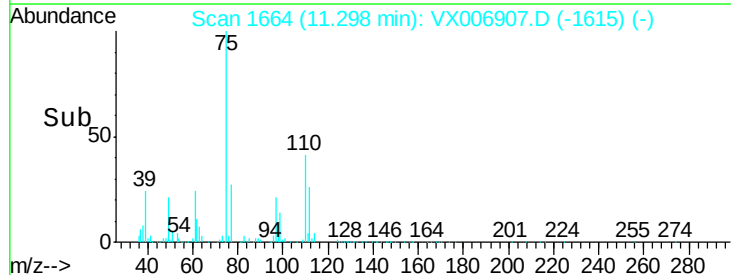
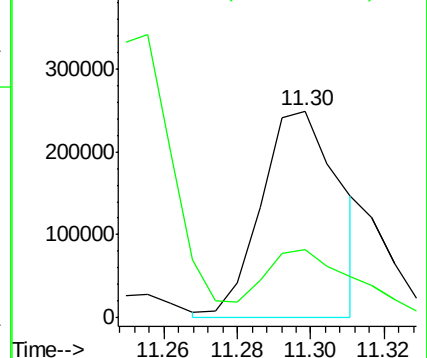
75 100

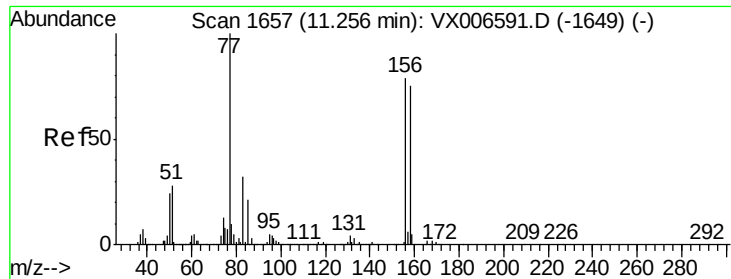
77 38.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





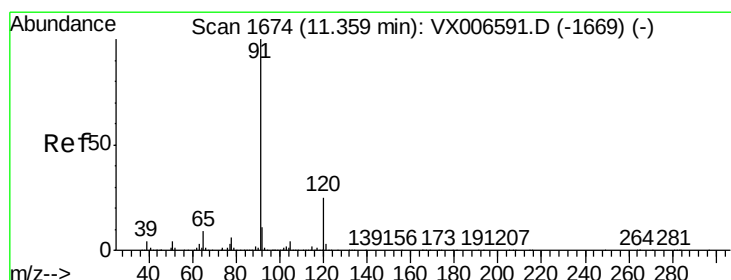
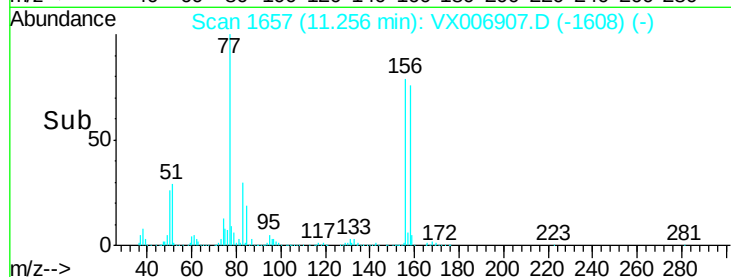
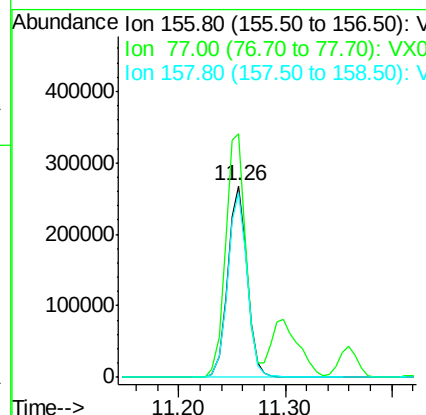
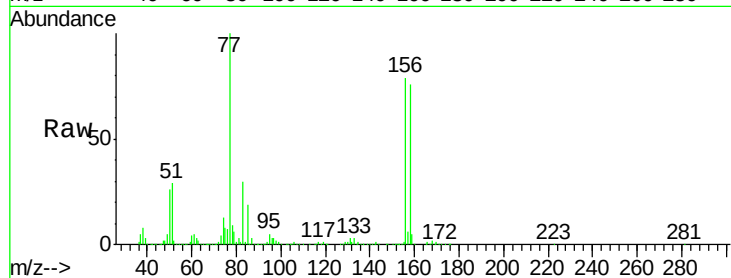
#77
Bromobenzene
Concen: 49.606 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.1	68.0	204.0
158	96.7	48.3	144.8

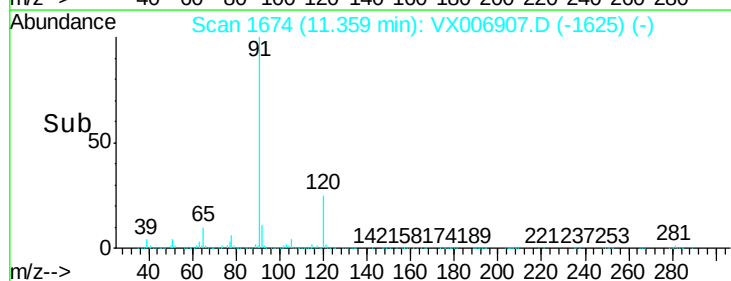
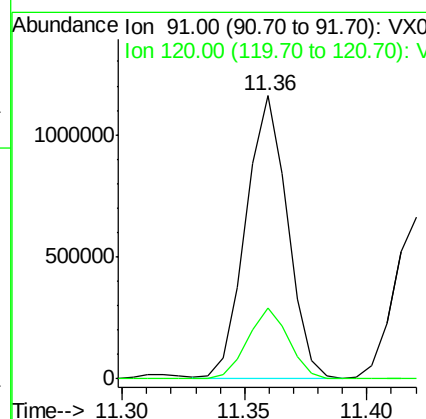
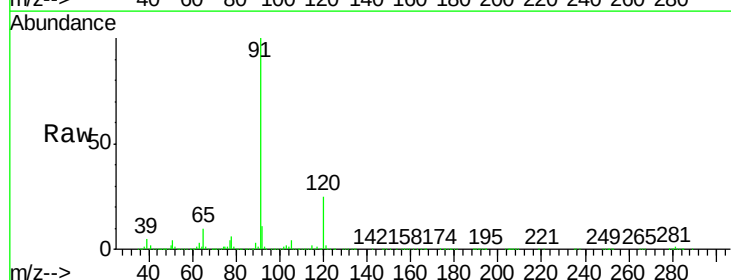
Manual Integrations
APPROVED

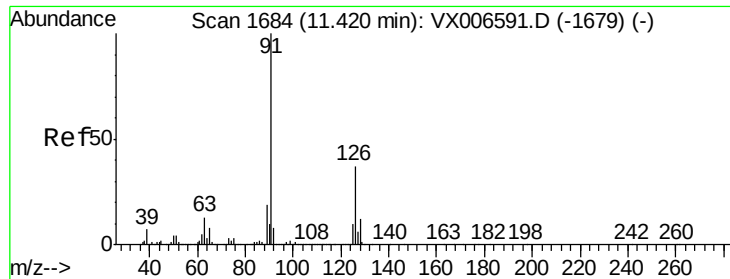
MMDadoda
1/4/2019 10:01:37 AM



#78
n-propylbenzene
Concen: 48.822 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.0	12.7	38.0





#79

2-Chlorotoluene

Concen: 47.510 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion: 91 Resp: 804735

Ion Ratio Lower Upper

91 100

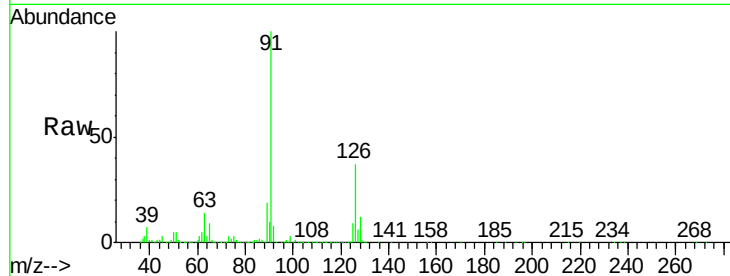
126 37.2 18.6 56.0

Manual Integrations

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006591.D (-1679) (-)

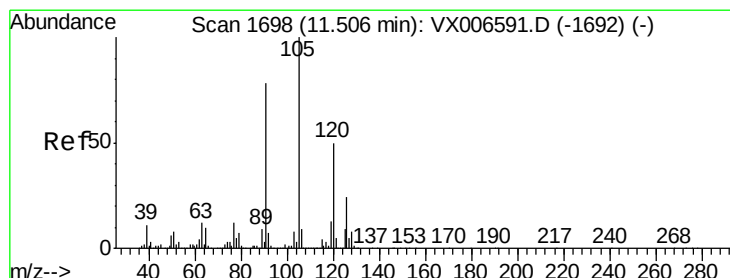
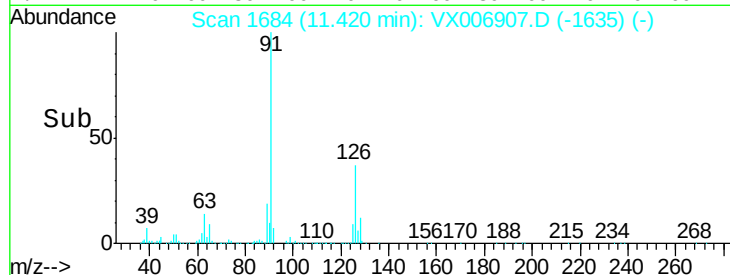
1000000

500000

0

11.40 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 48.700 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006907.D

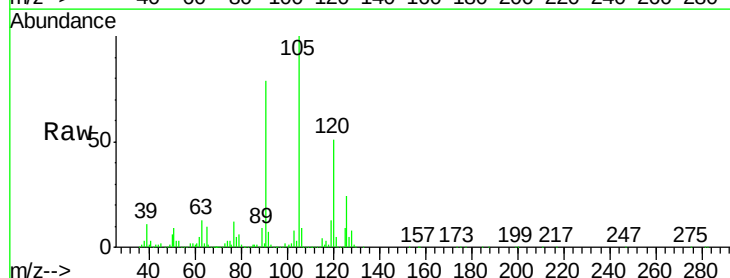
Acq: 03 Jan 2019 20:45

Tgt Ion: 105 Resp: 1018135

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006591.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006591.D (-1692) (-)

1000000

800000

600000

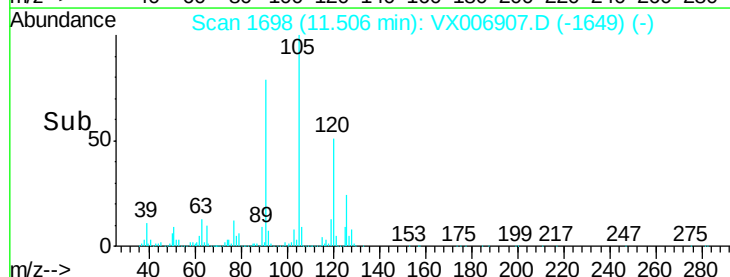
400000

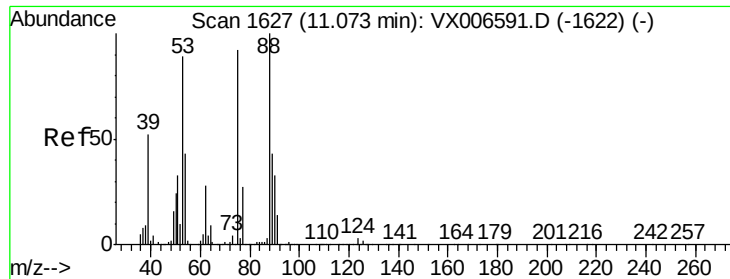
200000

0

11.40 11.50 11.60

Time-->





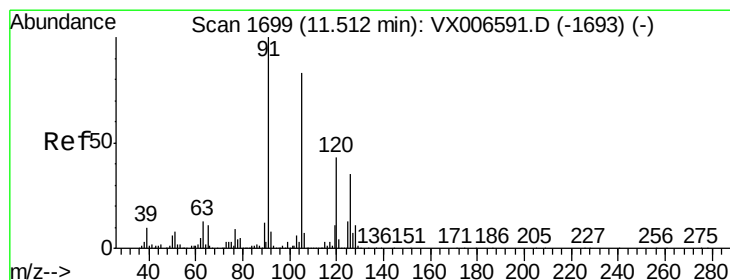
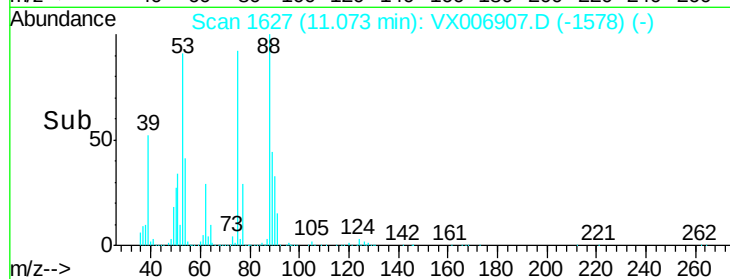
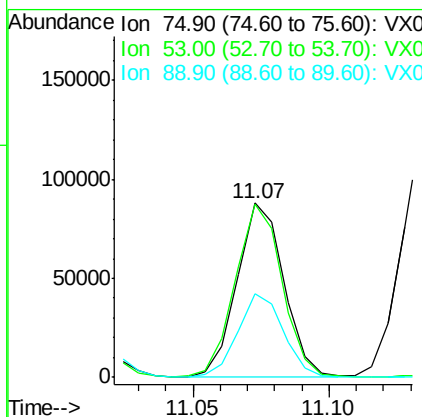
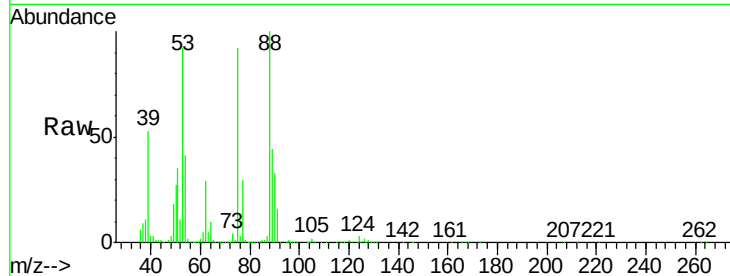
#81
trans-1,4-Dichloro-2-butene
Concen: 46.413 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
75	100		
53	99.7	79.7	119.5
89	47.0	38.0	57.0

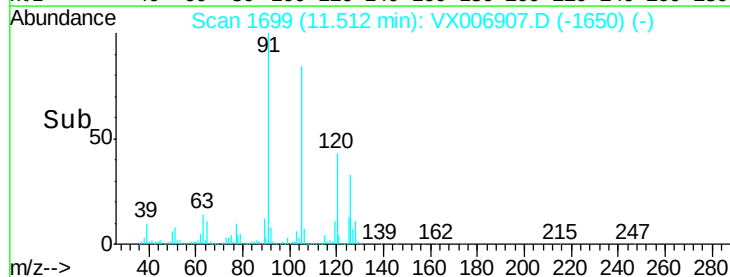
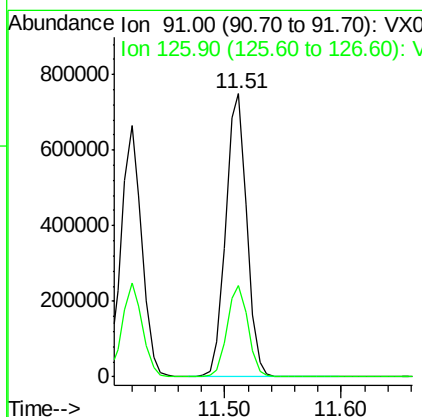
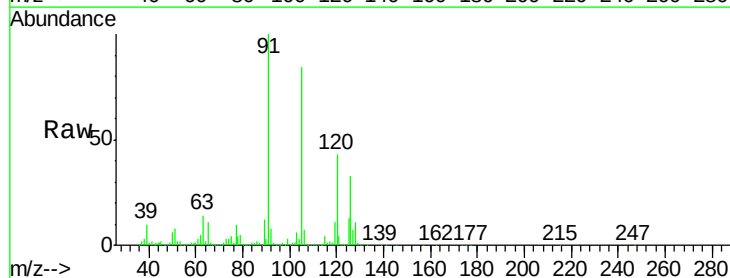
Manual Integrations
APPROVED

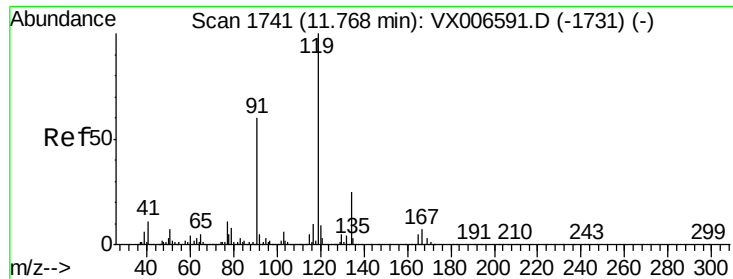
MMDadoda
1/4/2019 10:01:37 AM



#82
4-Chlorotoluene
Concen: 48.199 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 49.670 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050EC

Tot Ion:119 Resp: 1039289

Ion Ratio Lower Upper

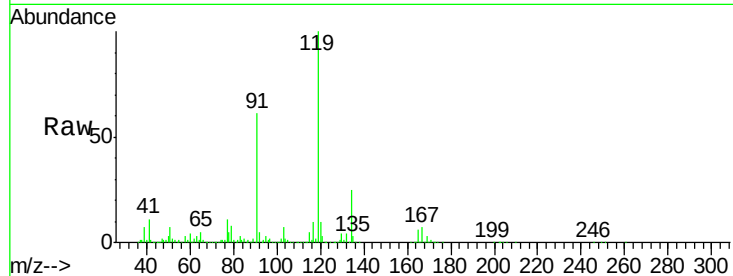
119 100

91 55.3 27.7 83.1

134 24.1 11.9 35.5

Manual Integrations
APPROVED

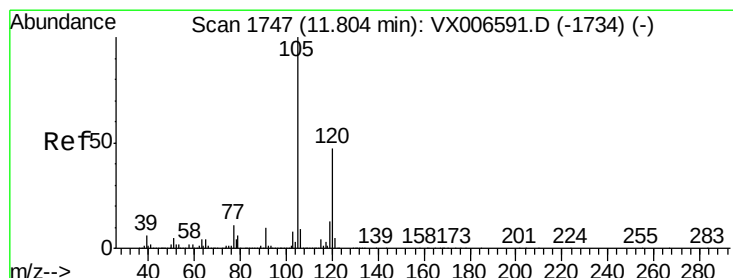
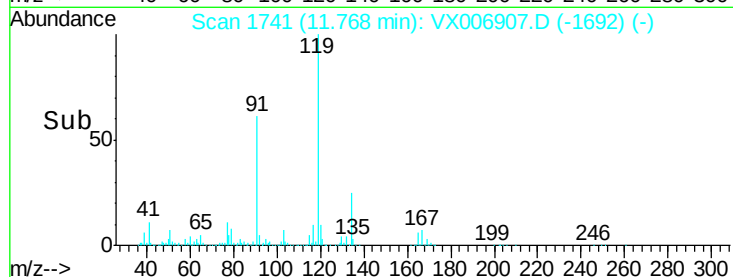
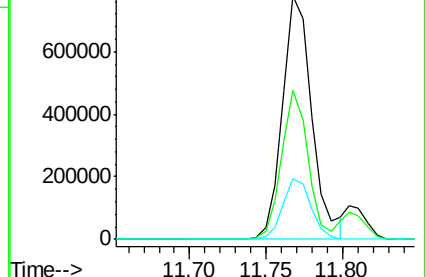
MMDadoda
1/4/2019 10:01:37 AM



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: 47.541 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006907.D

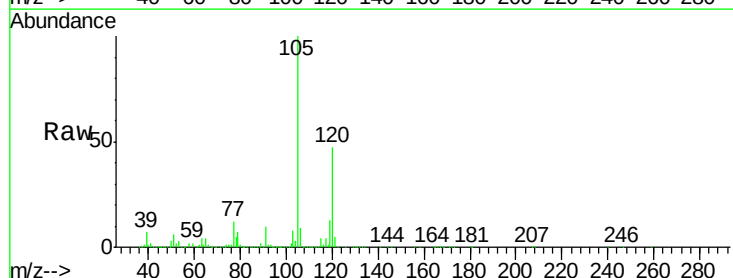
Acq: 03 Jan 2019 20:45

Tgt Ion:105 Resp: 1045418

Ion Ratio Lower Upper

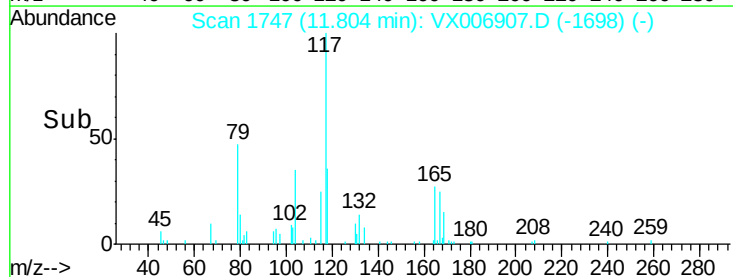
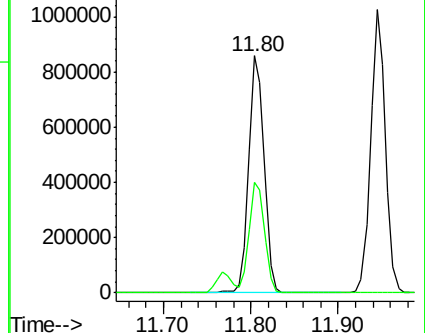
105 100

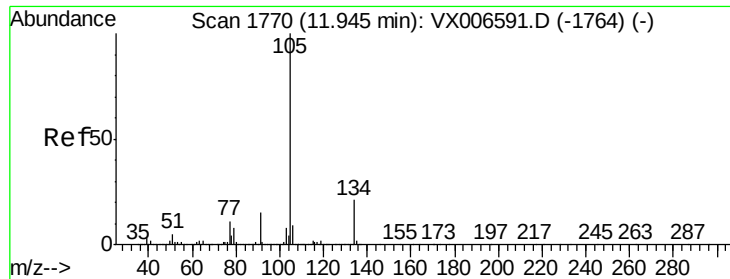
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 47.232 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1211690

Ion Ratio Lower Upper

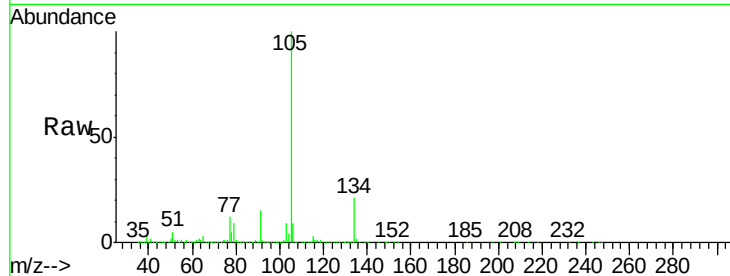
105 100

134 21.4 10.7 31.9

Manual Integrations
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1200000

1000000

800000

600000

400000

200000

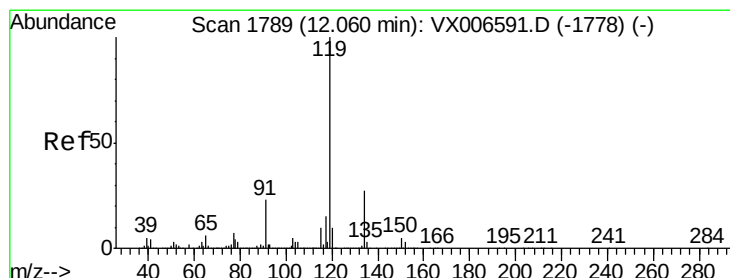
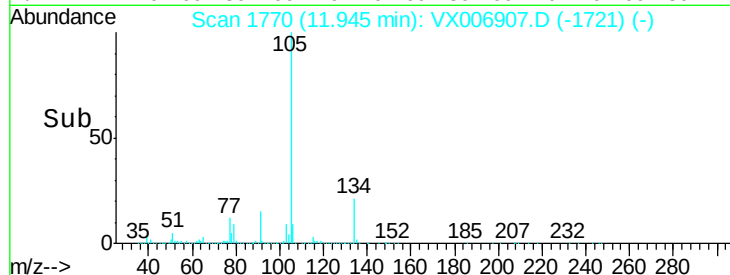
0

11.90

11.94

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 48.546 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

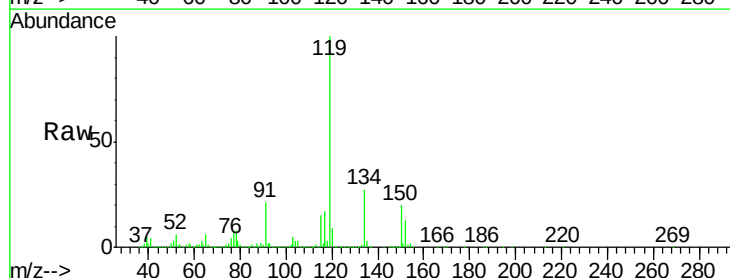
Tgt Ion:119 Resp: 1094742

Ion Ratio Lower Upper

119 100

134 27.5 14.0 41.9

91 22.5 11.3 33.9



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1200000

1000000

800000

600000

400000

200000

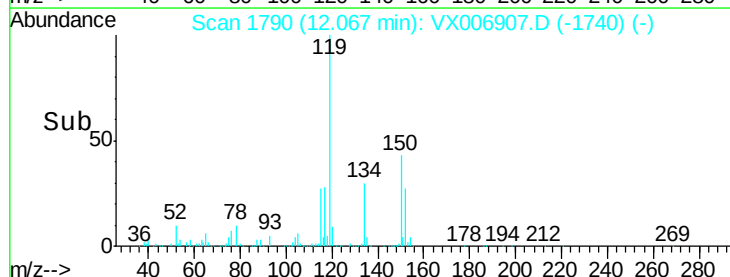
0

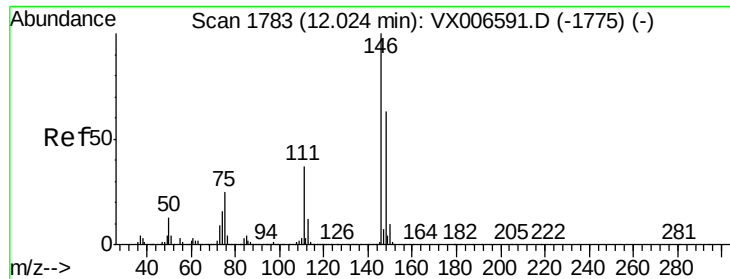
12.00

12.07

12.10

Time-->





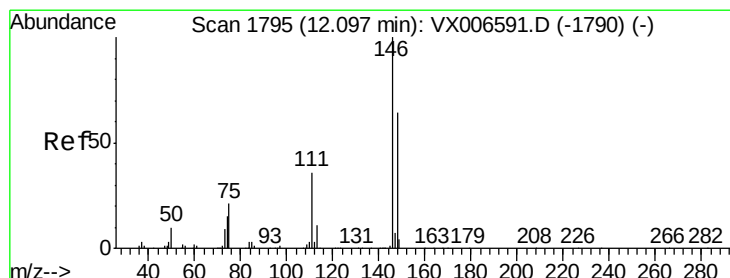
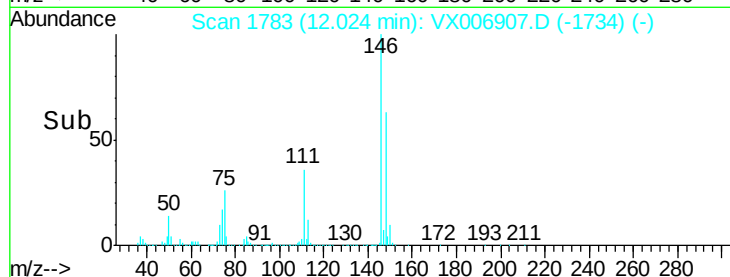
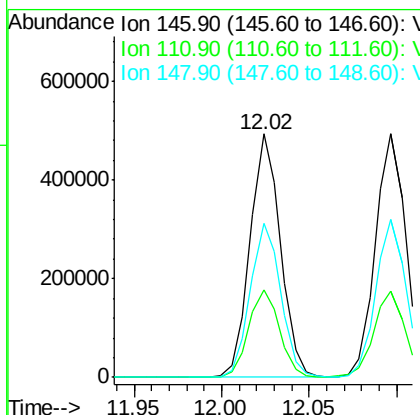
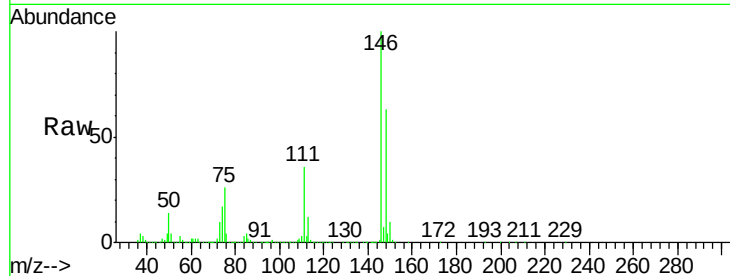
#87
 1,3-Dichlorobenzene
 Concen: 48.205 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.6	55.8
148	63.6	31.8	95.3

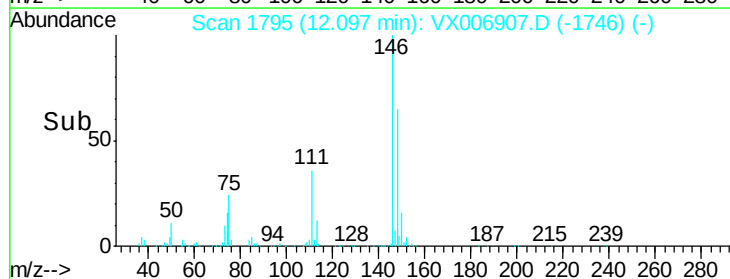
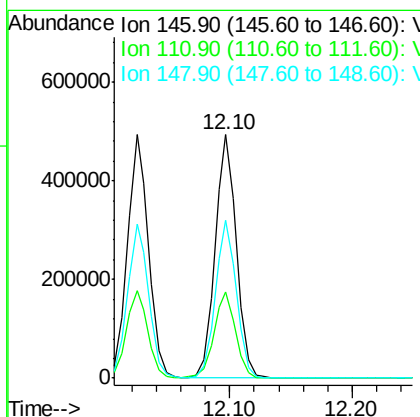
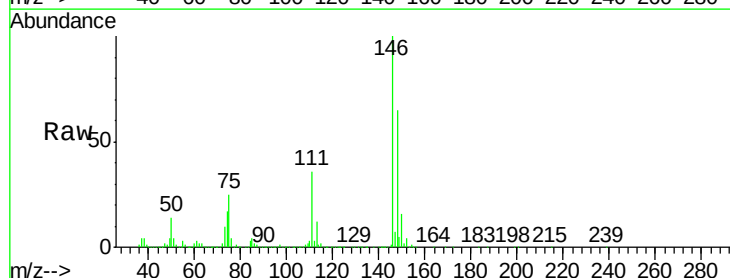
Manual Integrations
 APPROVED

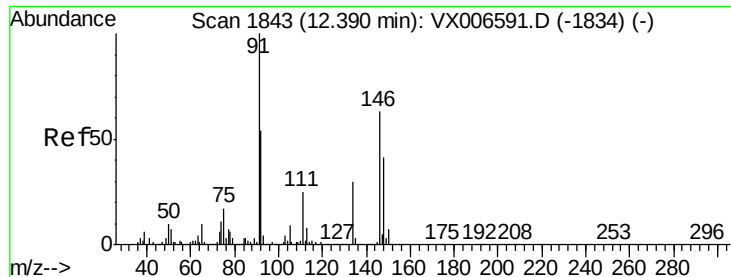
MMDadoda
 1/4/2019 10:01:37 AM



#88
 1,4-Dichlorobenzene
 Concen: 47.215 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.8	18.1	54.1
148	64.3	31.9	95.9





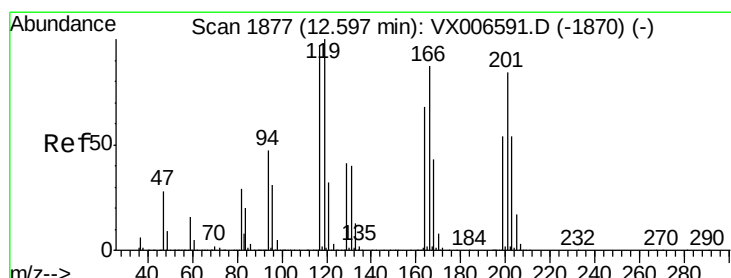
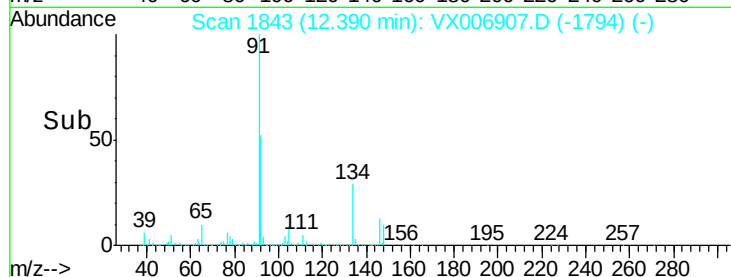
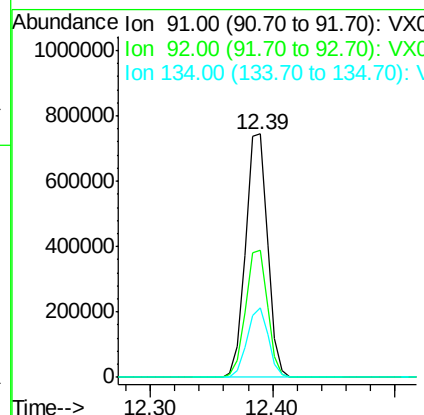
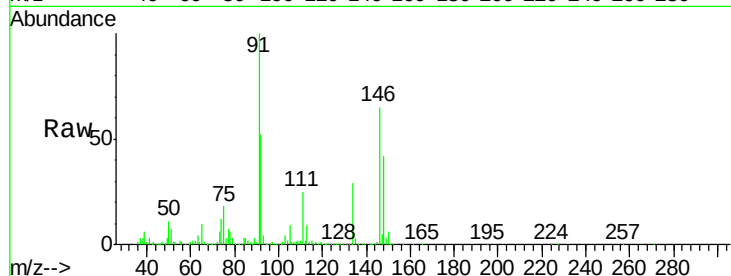
#89
n-Butylbenzene
Concen: 47.945 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.4	26.8	80.4
134	27.7	14.4	43.2

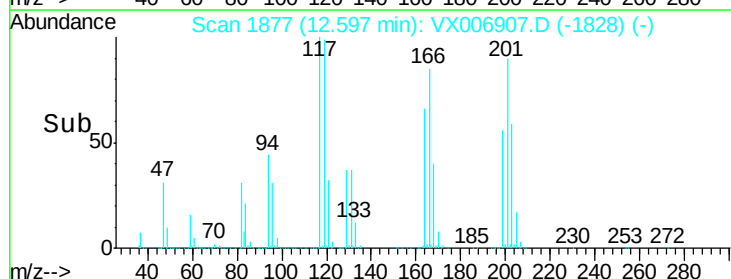
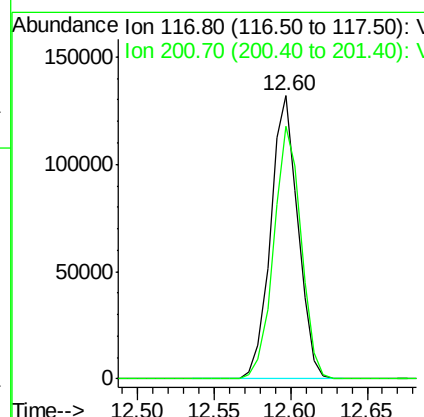
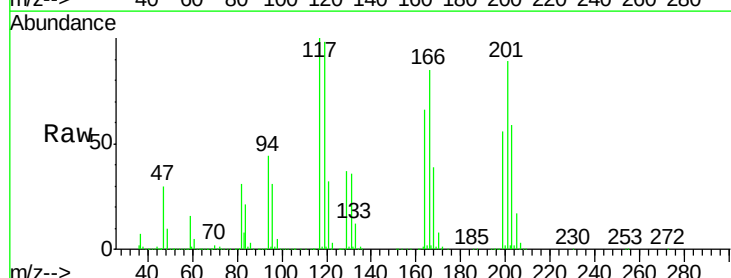
Manual Integrations
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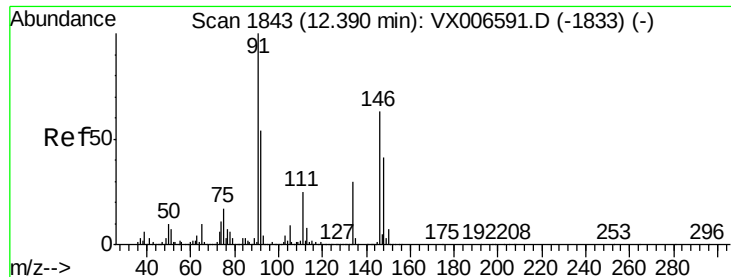
MMDadoda
1/4/2019 10:01:37 AM



#90
Hexachloroethane
Concen: 46.894 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.2	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.299 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Instrument :

MSVOA_X

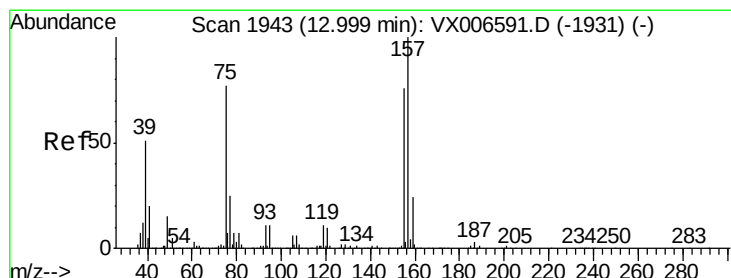
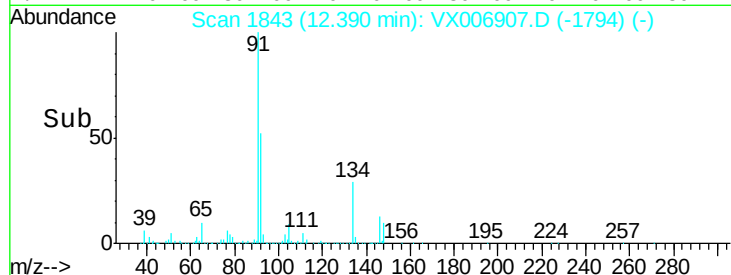
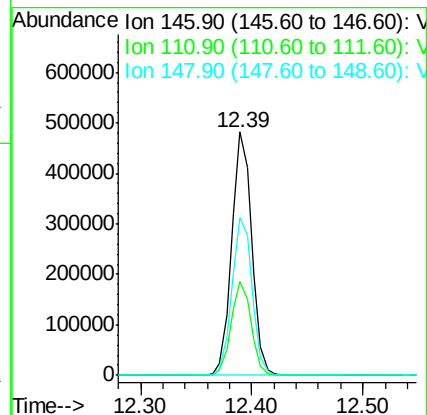
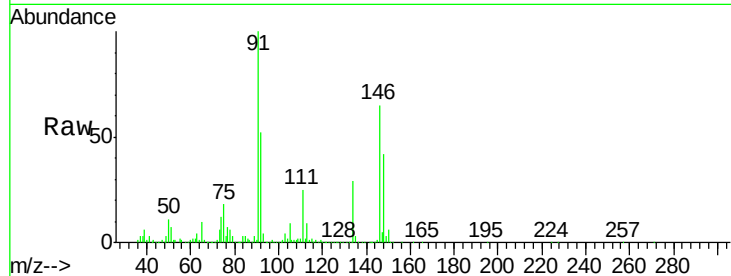
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	597535
Ion Ratio	Lower	Upper	
146	100		
111	38.2	19.4	58.2
148	65.4	32.3	96.9

Manual Integrations
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1/4/2019 10:01:37 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.163 ug/l

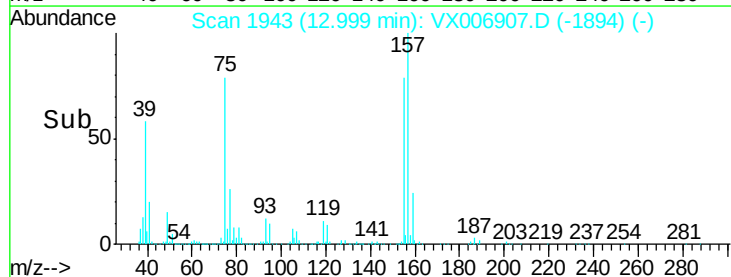
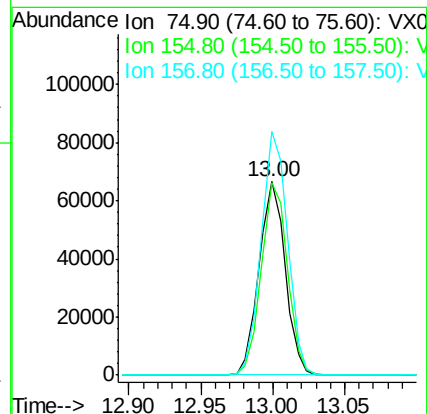
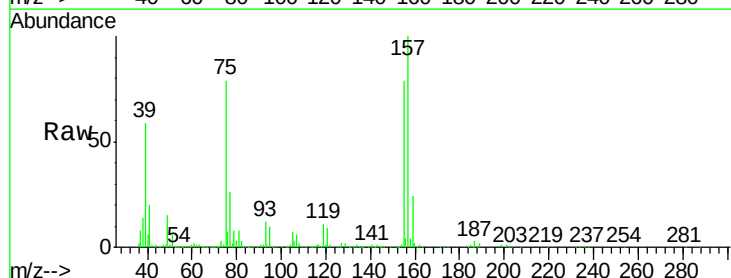
RT: 13.00 min Scan# 1943

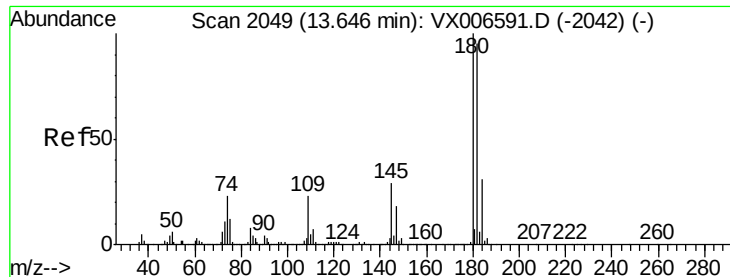
Delta R.T. -0.00 min

Lab File: VX006907.D

Acq: 03 Jan 2019 20:45

Tgt Ion:	75	Resp:	83037
Ion Ratio	Lower	Upper	
75	100		
155	99.6	50.6	151.8
157	127.1	64.6	193.8





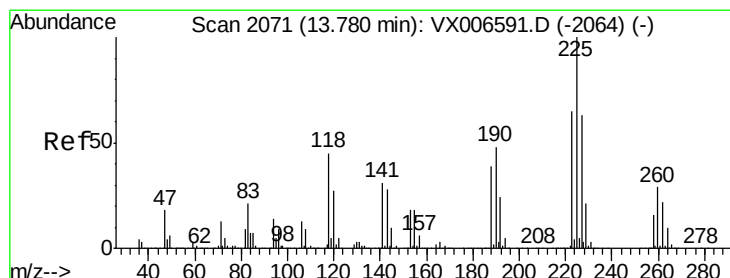
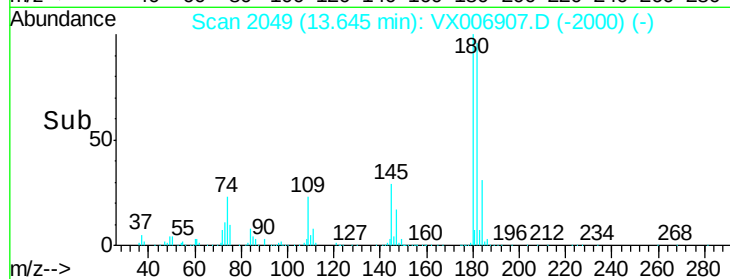
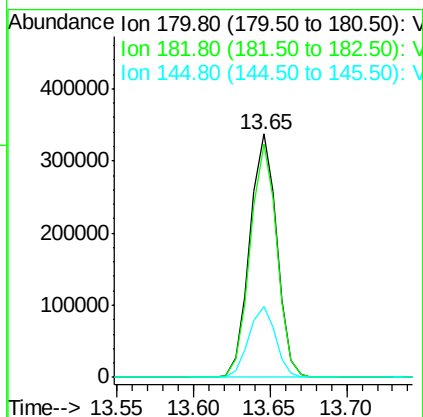
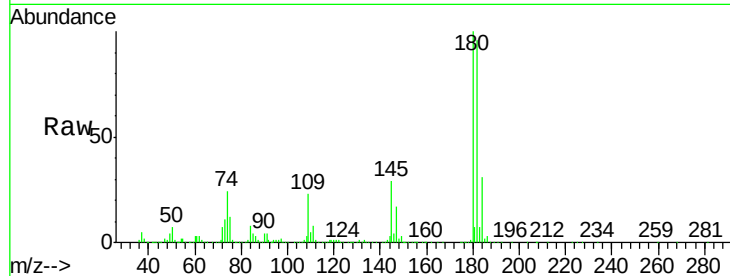
#93
 1,2,4-Trichlorobenzene
 Concen: 48.485 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	142.0
145	29.1	14.8	44.3

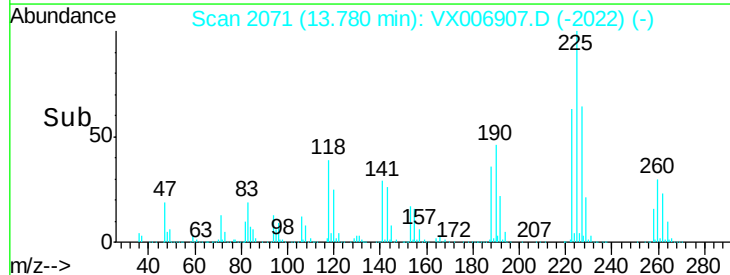
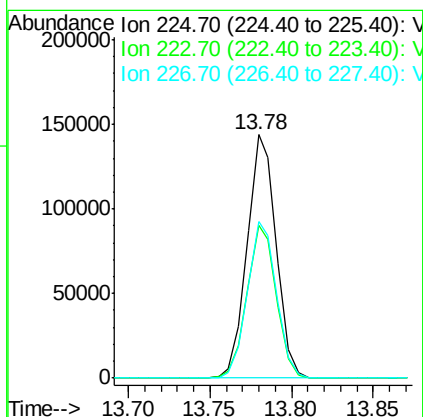
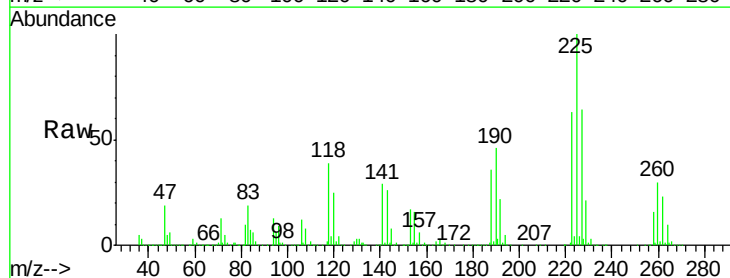
Manual Integrations
 APPROVED

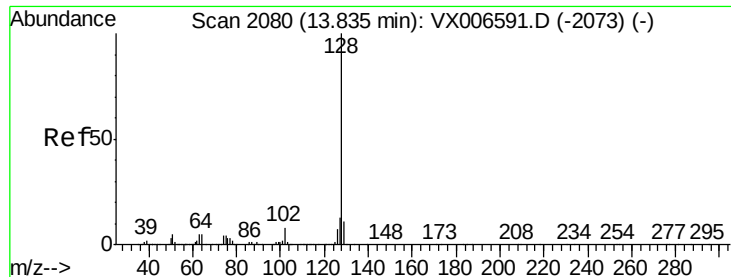
MMDadoda
 1/4/2019 10:01:37 AM



#94
 Hexachlorobutadiene
 Concen: 44.265 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006907.D
 Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	32.1	96.3
227	64.5	32.3	96.8





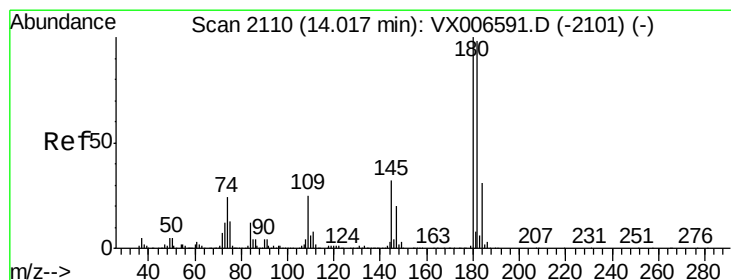
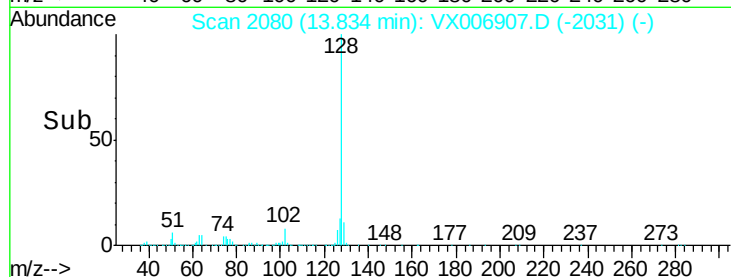
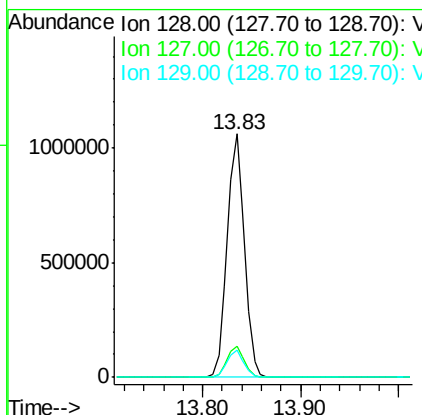
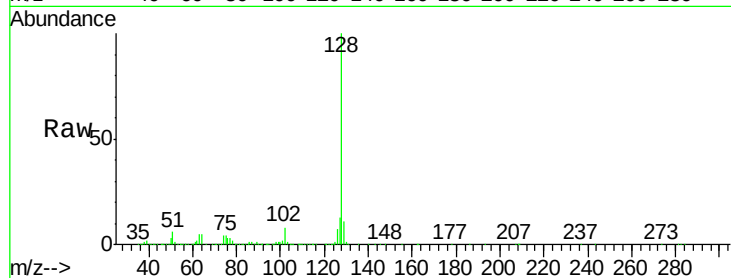
#95
Naphthalene
Concen: 47.642 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.1	15.1
129	11.1	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/4/2019 10:01:37 AM



#96
1,2,3-Trichlorobenzene
Concen: 46.821 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006907.D
Acq: 03 Jan 2019 20:45

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	48.5	145.5
145	30.8	16.0	47.9

