

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010719\
 Data File : VX006925.D
 Acq On : 07 Jan 2019 10:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/8/2019 9:33:28 AM

Quant Time: Jan 08 06:41:51 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	533580	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	772396	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	727470	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	388688	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	269019	46.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.56%	
35) Dibromofluoromethane	5.50	113	252114	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
50) Toluene-d8	8.71	98	918750	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.13	95	349188	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	194888	39.925	ug/l	99
3) Chloromethane	1.33	50	216310	41.132	ug/l	100
4) Vinyl Chloride	1.41	62	227637	41.446	ug/l	99
5) Bromomethane	1.64	94	228855	44.437	ug/l	99
6) Chloroethane	1.71	64	160524	42.209	ug/l	98
7) Trichlorofluoromethane	1.92	101	388732	45.396	ug/l	98
8) Diethyl Ether	2.19	74	154384	45.391	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	240671	47.868	ug/l	99
10) Methyl Iodide	2.51	142	337033	46.829	ug/l	100
11) Tert butyl alcohol	3.08	59	281404	219.265	ug/l	99
12) 1,1-Dichloroethene	2.37	96	211621	44.389	ug/l	98
13) Acrolein	2.29	56	201274	232.475	ug/l	97
14) Allyl chloride	2.73	41	378877	47.214	ug/l	99
15) Acrylonitrile	3.15	53	702527	246.540	ug/l	100
16) Acetone	2.45	43	693948	262.655	ug/l	99
17) Carbon Disulfide	2.57	76	460858	36.529	ug/l	99
18) Methyl Acetate	2.78	43	419012	53.935	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	806268	50.955	ug/l	99
20) Methylene Chloride	2.85	84	250654	45.880	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	228261	43.213	ug/l	97
22) Diisopropyl ether	3.87	45	756350	51.521	ug/l	97
23) Vinyl Acetate	3.82	43	3048157	253.838	ug/l	99
24) 1,1-Dichloroethane	3.70	63	431587	49.247	ug/l	98
25) 2-Butanone	4.70	43	940913	253.181	ug/l	99
26) 2,2-Dichloropropane	4.58	77	344408	50.876	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	272767	46.803	ug/l	97
28) Bromochloromethane	5.02	49	194710	52.810	ug/l	97
29) Tetrahydrofuran	5.15	42	572479	233.882	ug/l	98
30) Chloroform	5.21	83	440599	48.550	ug/l	96
31) Cyclohexane	5.57	56	341578	42.903	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	378956	49.453	ug/l	99
36) 1,1-Dichloropropene	5.80	75	307852	48.123	ug/l	99
37) Ethyl Acetate	4.85	43	336489	50.536	ug/l	99
38) Carbon Tetrachloride	5.78	117	327773	52.721	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	378852	44.983	ug/l	98
40) Benzene	6.14	78	942573	48.473	ug/l	98
41) Methacrylonitrile	5.06	41	191758	54.245	ug/l	99
42) 1,2-Dichloroethane	6.20	62	328730	49.611	ug/l	99
43) Isopropyl Acetate	6.46	43	570872	56.349	ug/l	98
44) Trichloroethene	7.21	130	279340	47.462	ug/l	99
45) 1,2-Dichloropropane	7.51	63	247544	52.312	ug/l	100
46) Dibromomethane	7.66	93	172271	49.494	ug/l	96
47) Bromodichloromethane	7.90	83	325717	56.365	ug/l	99
48) Methyl methacrylate	7.77	41	287213	55.749	ug/l	98
49) 1,4-Dioxane	7.75	88	116389	860.673	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1784233	276.796	ug/l	99
52) Toluene	8.78	92	624435	49.706	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	367751	59.338	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	397907	58.513	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	271260	52.753	ug/l	99
56) Ethyl methacrylate	9.18	69	403107	55.466	ug/l	96
57) 1,3-Dichloropropane	9.37	76	427314	51.651	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1090565	282.292	ug/l	99
59) 2-Hexanone	9.49	43	1410473	285.986	ug/l	100
60) Dibromochloromethane	9.59	129	291158	53.946	ug/l	99
61) 1,2-Dibromoethane	9.67	107	286350	52.386	ug/l	99
64) Tetrachloroethene	9.34	164	274784	47.702	ug/l	96
65) Chlorobenzene	10.14	112	750528	48.766	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	280793	58.478	ug/l	99
67) Ethyl Benzene	10.25	91	1248018	49.625	ug/l	100
68) m/p-Xylenes	10.36	106	986204	99.379	ug/l	99
69) o-Xylene	10.69	106	489681	49.971	ug/l	97
70) Styrene	10.71	104	804489	51.892	ug/l	99
71) Bromoform	10.86	173	226471	52.084	ug/l	99
73) Isopropylbenzene	11.02	105	1308470	49.207	ug/l	100
74) N-amyl acetate	10.90	43	520686	54.705	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	405988	51.338	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	386995m	53.575	ug/l	
77) Bromobenzene	11.26	156	354877	49.364	ug/l	98
78) n-propylbenzene	11.36	91	1478670	50.498	ug/l	99
79) 2-Chlorotoluene	11.42	91	855593	48.216	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1090794	49.803	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	122285	51.391	ug/l	97
82) 4-Chlorotoluene	11.51	91	1011576	49.697	ug/l	100
83) tert-Butylbenzene	11.77	119	1150973	52.507	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1119751	48.606	ug/l	100
85) sec-Butylbenzene	11.94	105	1343462	49.988	ug/l	100
86) p-Isopropyltoluene	12.06	119	1215533	51.451	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	646104	49.868	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	648376	48.816	ug/l	99
89) n-Butylbenzene	12.39	91	1049473	52.197	ug/l	99
90) Hexachloroethane	12.60	117	190610	51.450	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	645017	49.767	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83632	51.110	ug/l	96

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VSTDCCC050

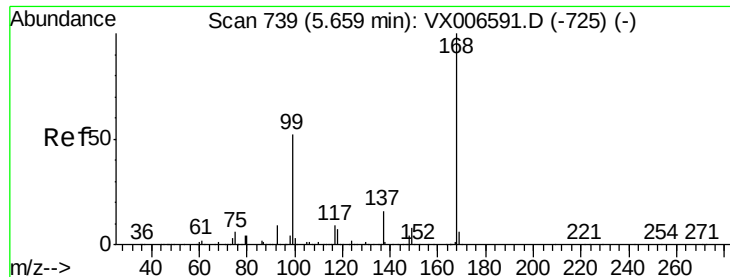
Manual Integrations
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QLast Update : Wed Dec 19 15:20:58 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	468885	52.446	ug/l	98
94) Hexachlorobutadiene	13.78	225	209667	49.755	ug/l	98
95) Naphthalene	13.83	128	1365804	47.865	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	463198	50.180	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: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 533580

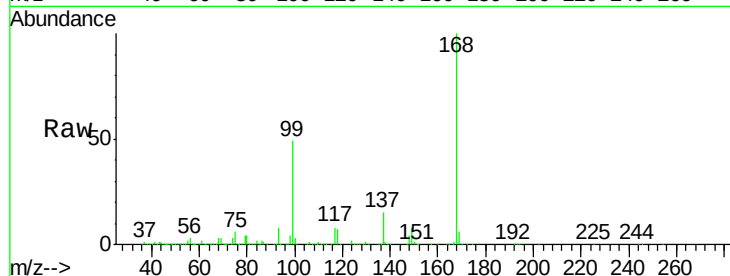
Ion Ratio Lower Upper

168 100

99 48.3 41.8 62.8

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

200000

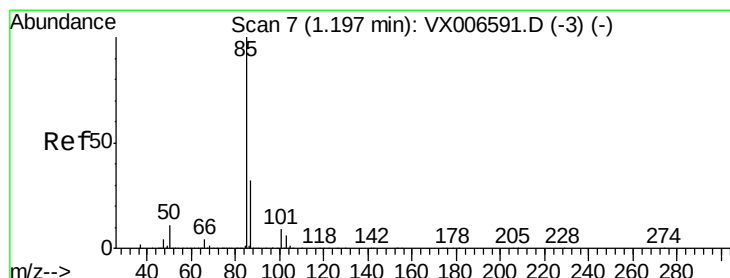
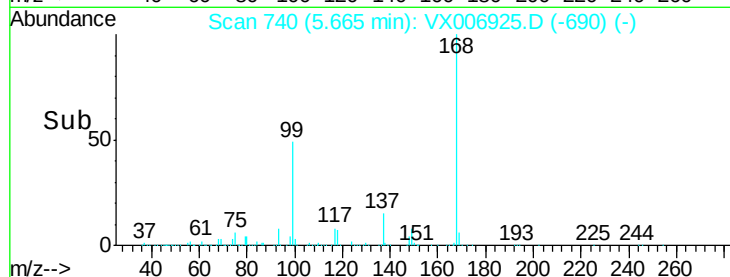
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 39.925 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006925.D

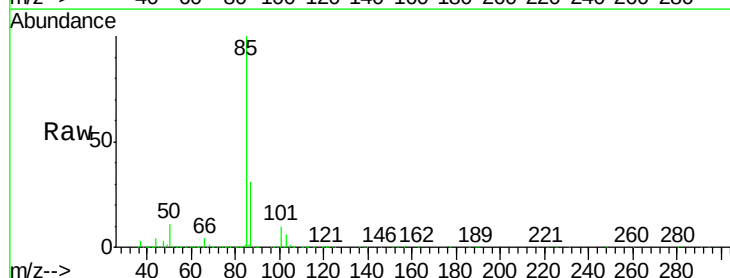
Acq: 07 Jan 2019 10:18

Tgt Ion: 85 Resp: 194888

Ion Ratio Lower Upper

85 100

87 31.0 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

200000

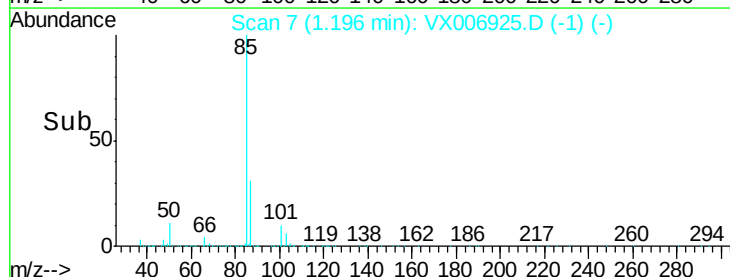
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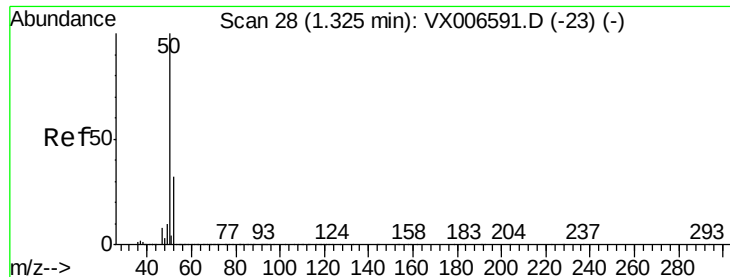
100000

50000

0

Time--> 1.10 1.20 1.30





#3

Chloromethane

Concen: 41.132 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 216310

Ion Ratio Lower Upper

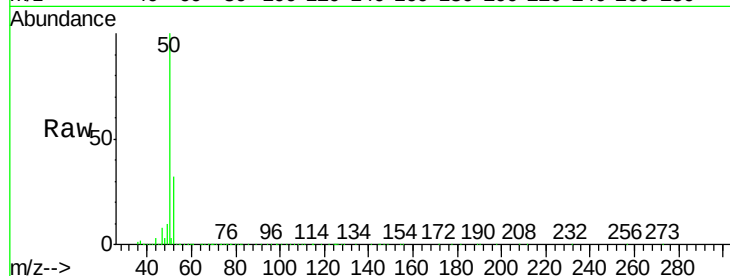
50 100

52 31.6 25.4 38.2

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Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

200000

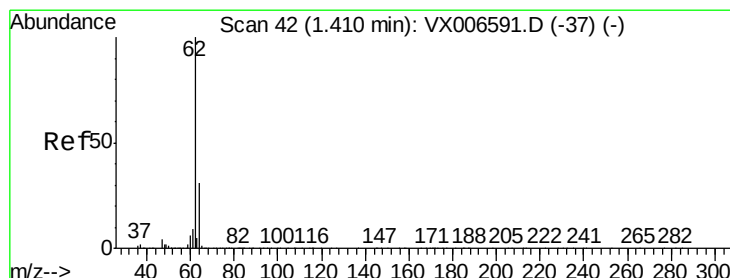
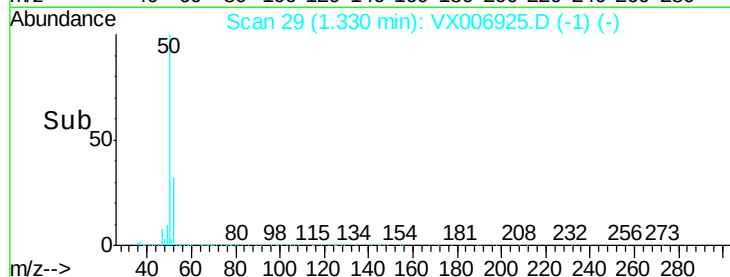
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 41.446 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006925.D

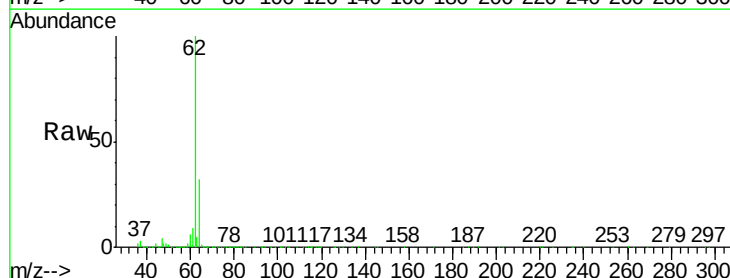
Acq: 07 Jan 2019 10:18

Tgt Ion: 62 Resp: 227637

Ion Ratio Lower Upper

62 100

64 31.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

250000

200000

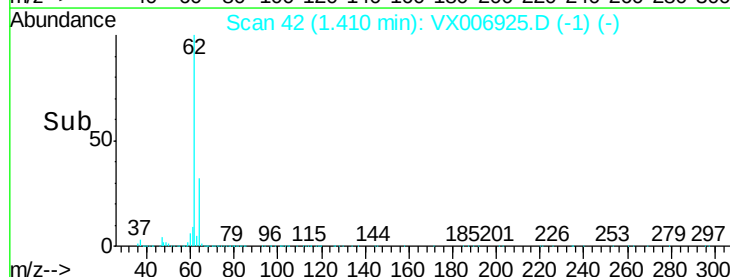
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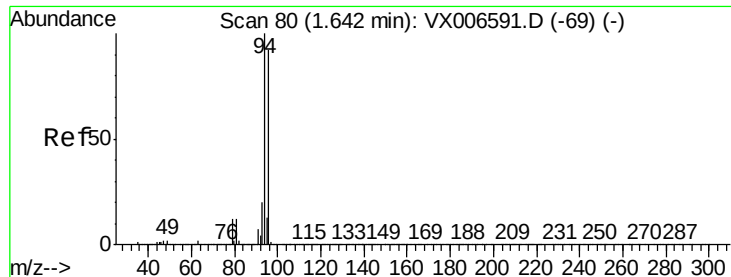
100000

50000

0

Time-->





#5

Bromomethane

Concen: 44.437 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 228855

Ion Ratio Lower Upper

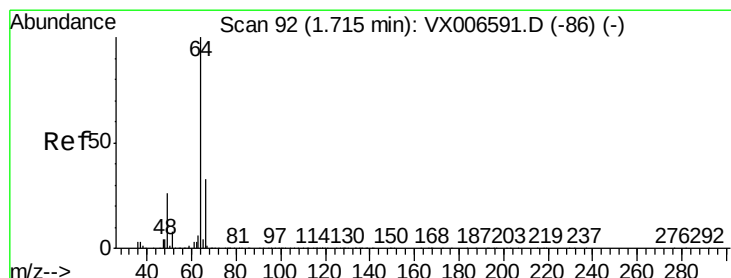
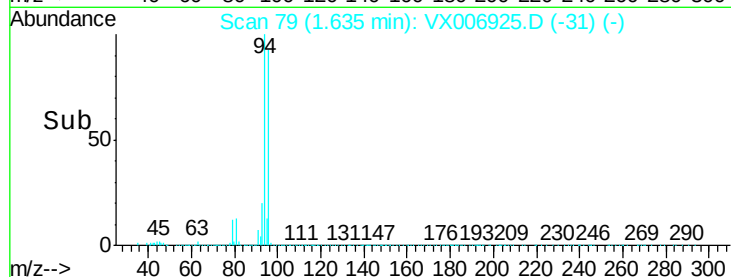
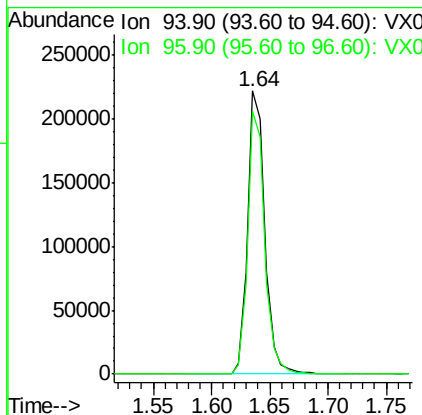
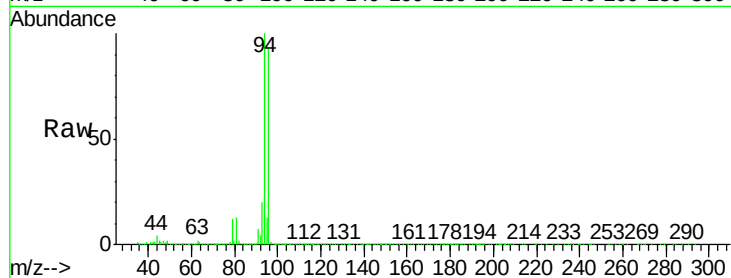
94 100

96 92.8 73.4 110.2

Manual Integrations
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#6

Chloroethane

Concen: 42.209 ug/l

RT: 1.71 min Scan# 91

Delta R.T. -0.01 min

Lab File: VX006925.D

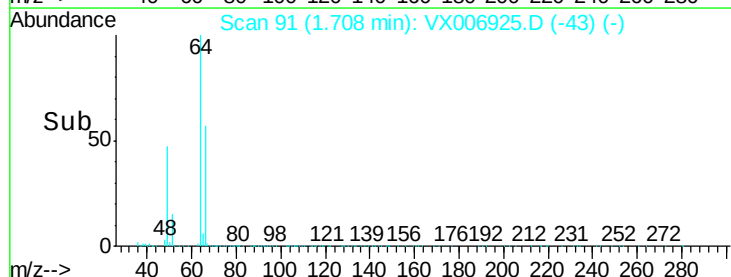
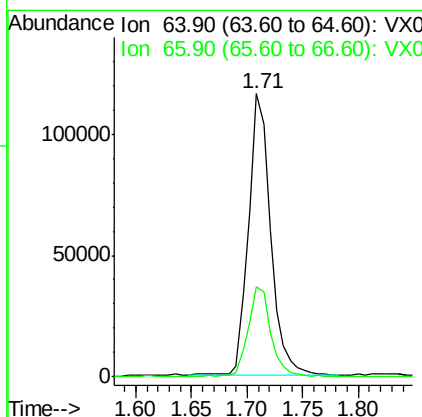
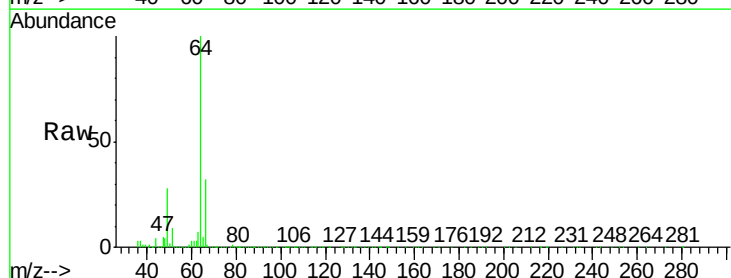
Acq: 07 Jan 2019 10:18

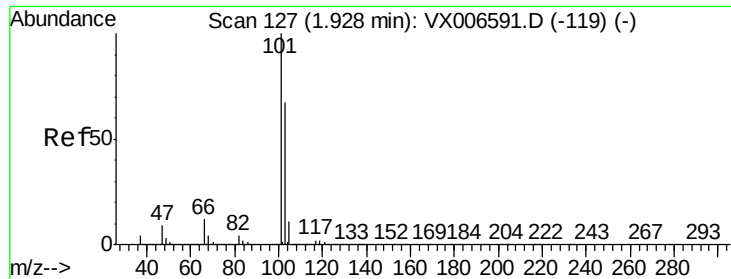
Tgt Ion: 64 Resp: 160524

Ion Ratio Lower Upper

64 100

66 31.8 26.4 39.6





#7

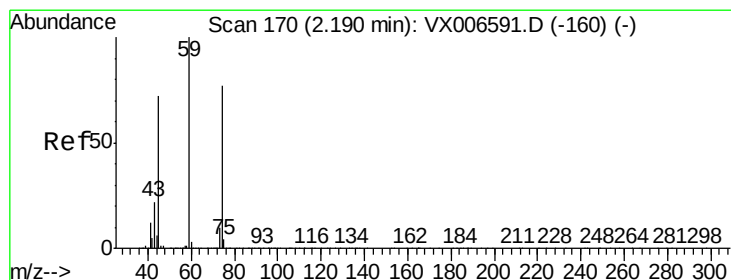
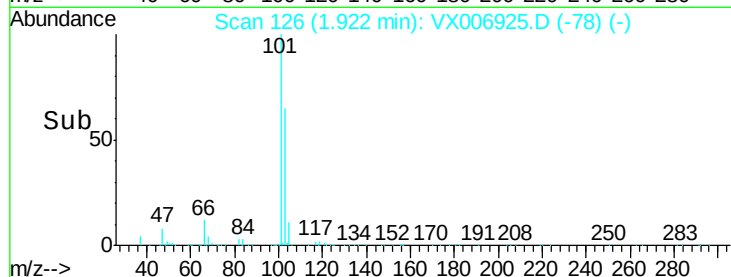
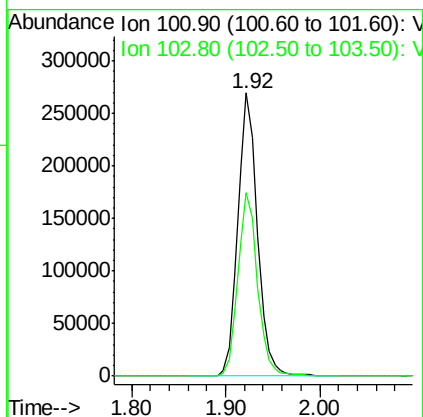
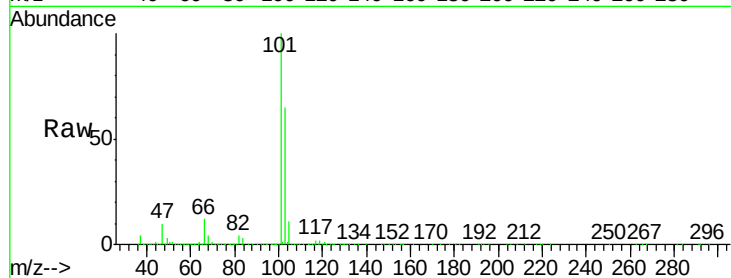
Trichlorofluoromethane
Concen: 45.396 ug/l
RT: 1.92 min Scan# 126
Delta R.T. -0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.0	53.2	79.8

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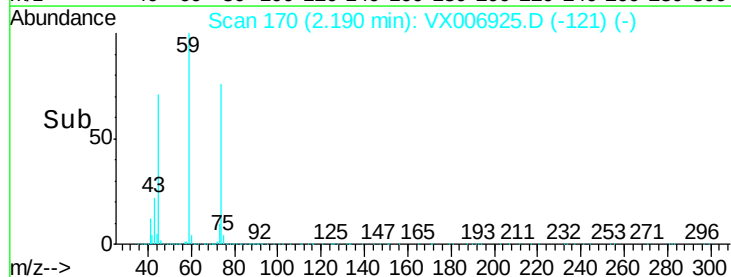
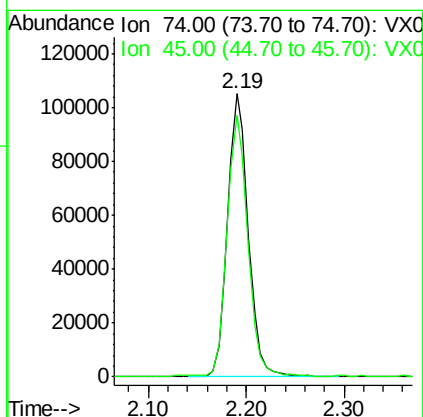
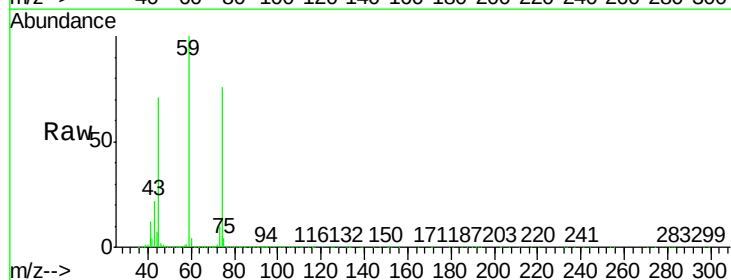
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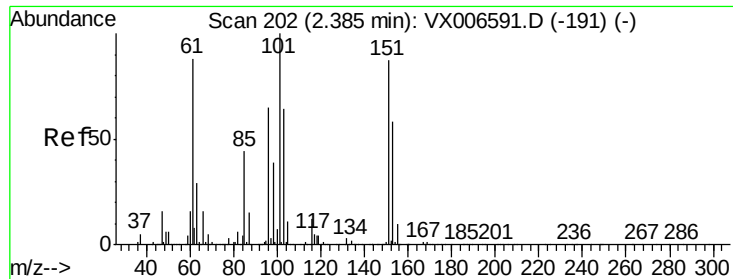


#8

Diethyl Ether
Concen: 45.391 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.9	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.868 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

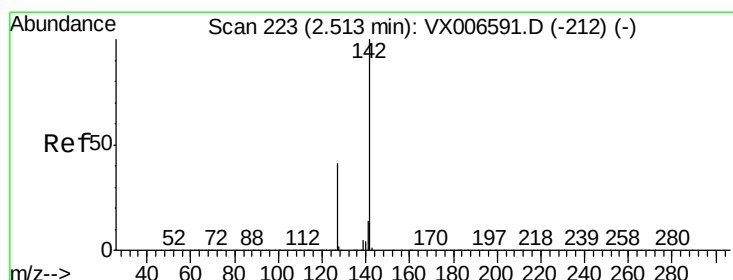
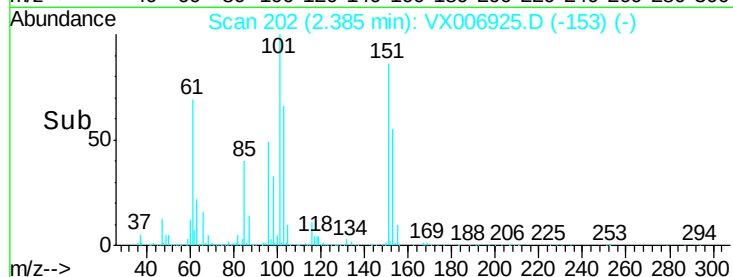
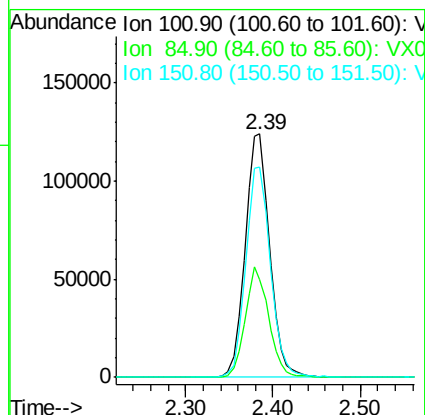
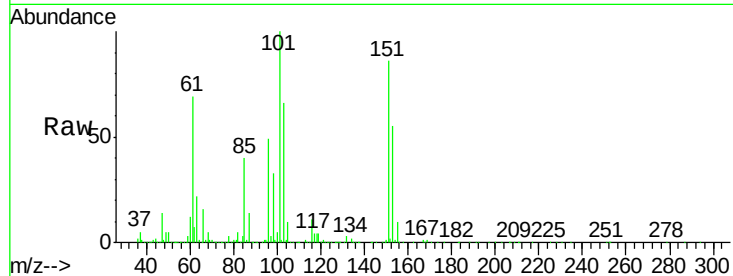
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	240671
Ion Ratio	Lower	Upper	
101	100		
85	43.8	35.1	52.7
151	87.4	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 46.829 ug/l

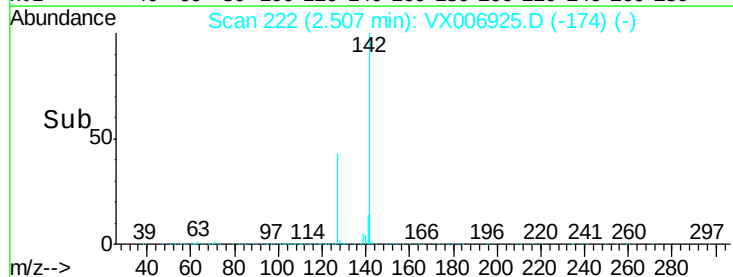
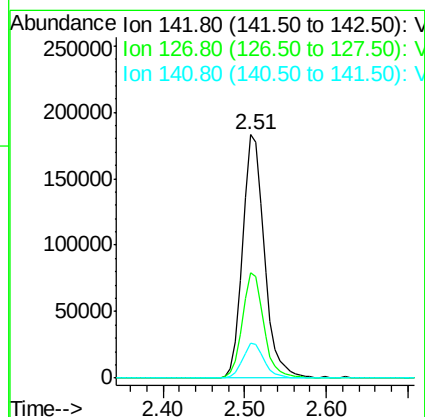
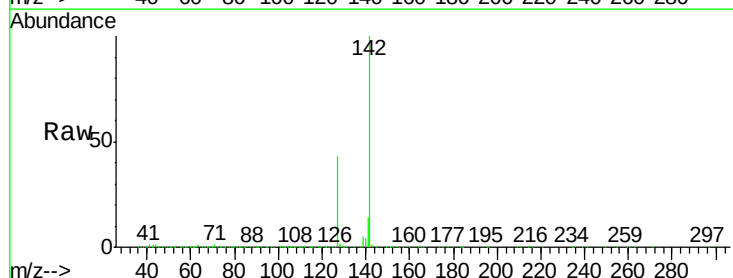
RT: 2.51 min Scan# 222

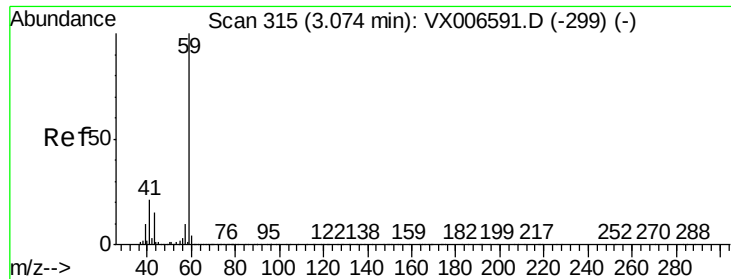
Delta R.T. -0.01 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	142	Resp:	337033
Ion Ratio	Lower	Upper	
142	100		
127	42.6	33.9	50.9
141	14.4	11.4	17.0





#11

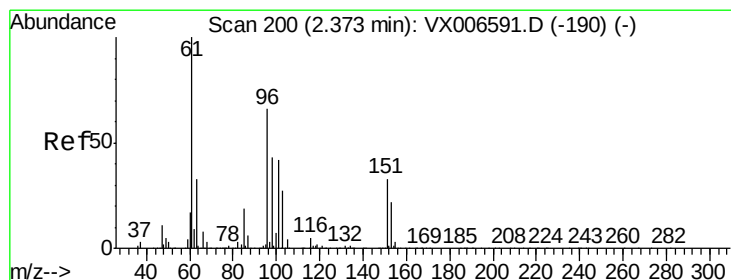
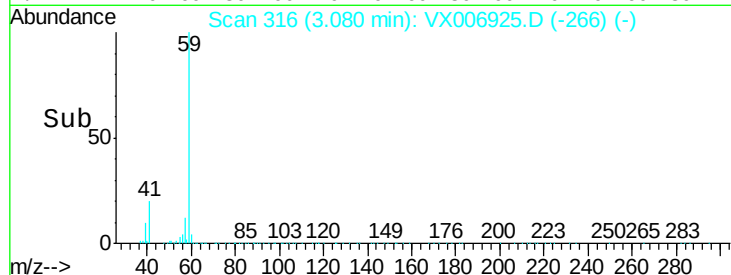
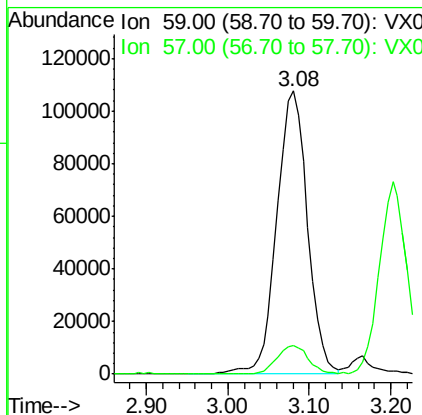
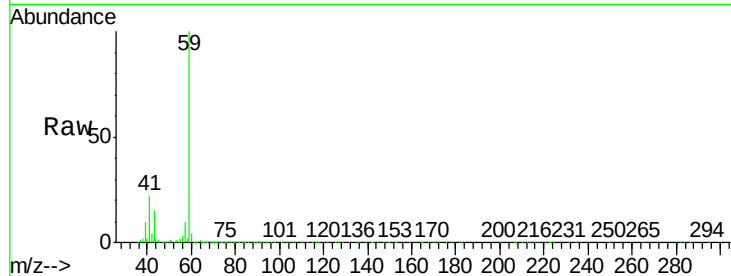
Tert butyl alcohol
Concen: 219.265 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.1	8.5	12.7

Manual Integrations
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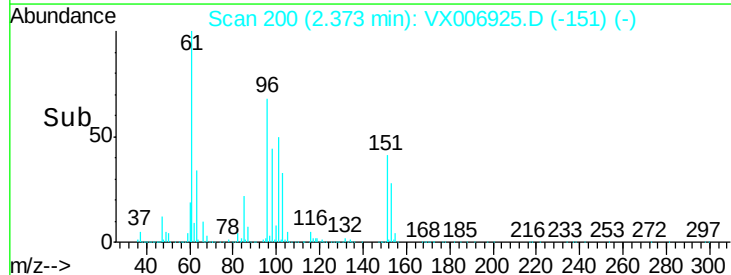
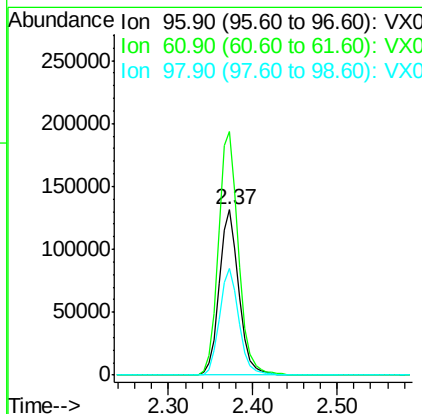
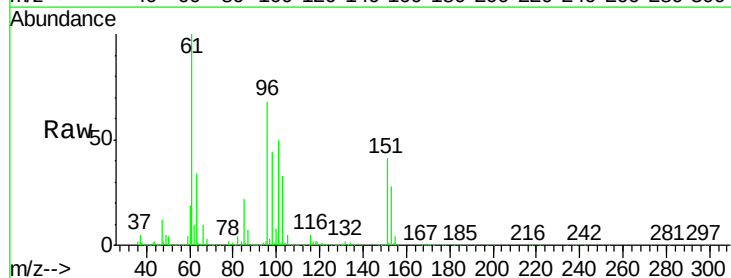
MMDadoda
1/8/2019 9:33:28 AM

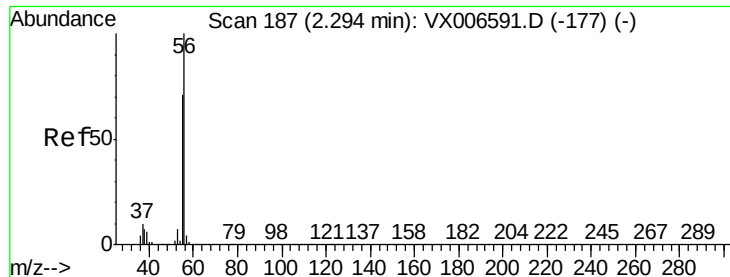


#12

1,1-Dichloroethene
Concen: 44.389 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
96	100		
61	147.6	121.4	182.2
98	64.4	51.9	77.9





#13

Acrolein

Concen: 232.475 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 56 Resp: 201274

Ion Ratio Lower Upper

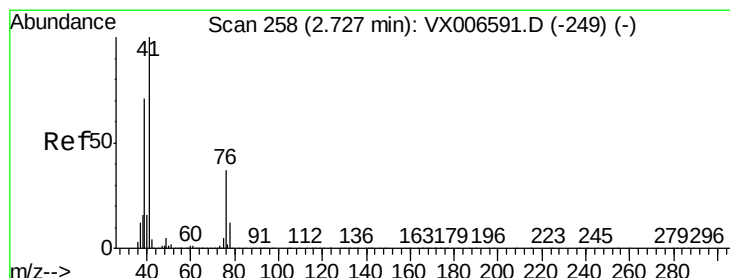
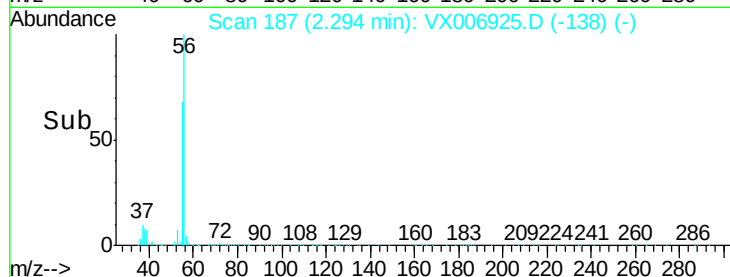
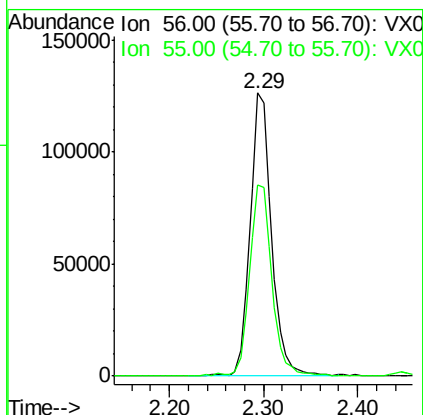
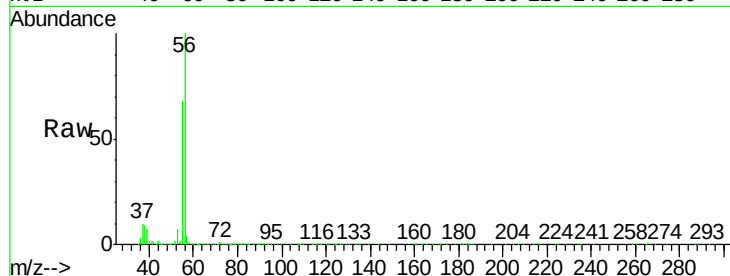
56 100

55 70.4 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 47.214 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

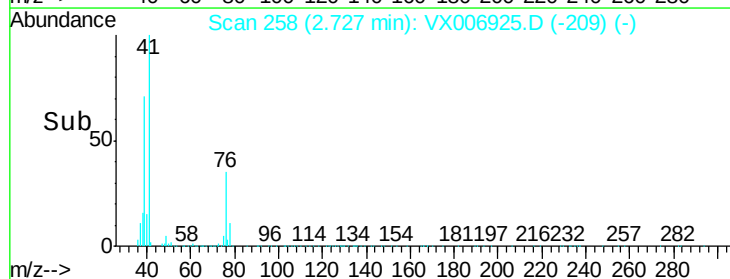
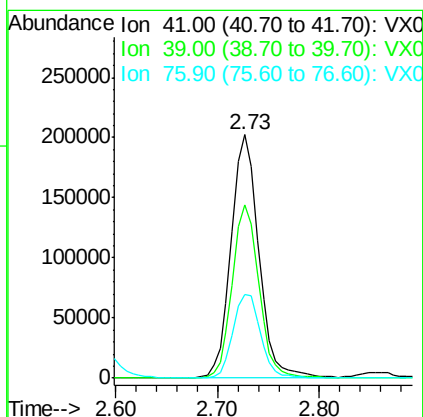
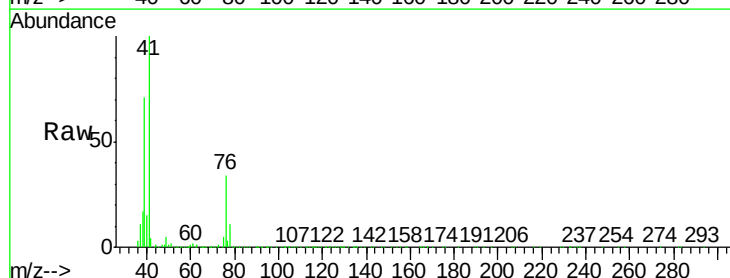
Tgt Ion: 41 Resp: 378877

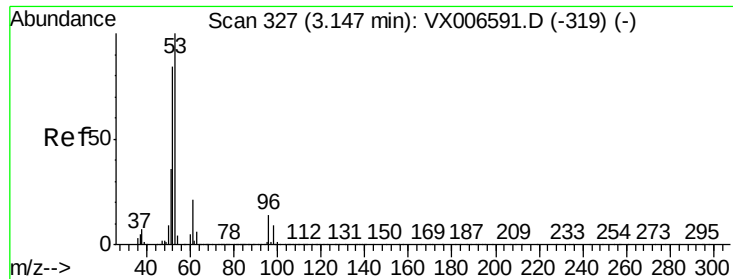
Ion Ratio Lower Upper

41 100

39 68.3 53.6 80.4

76 34.1 27.4 41.2





#15

Acrylonitrile

Concen: 246.540 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

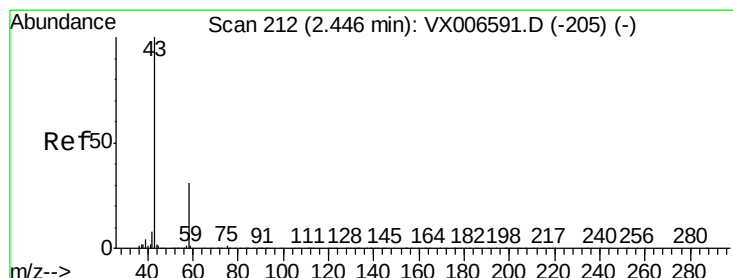
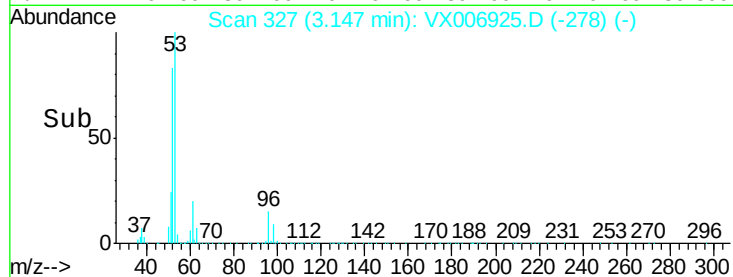
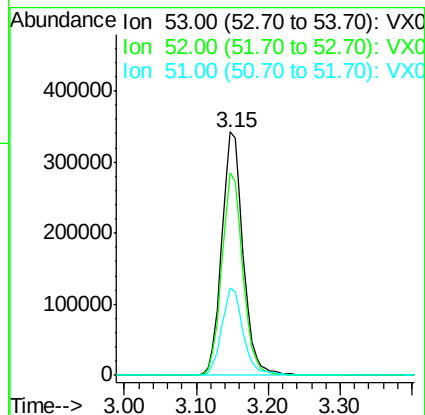
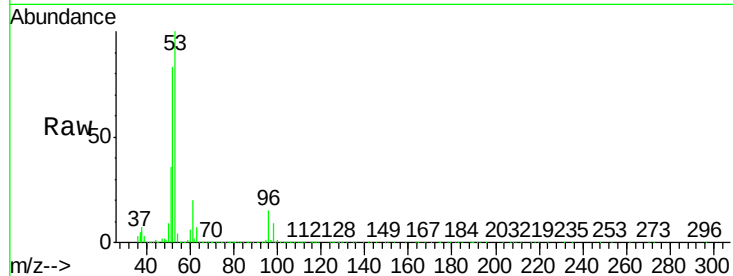
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	702527
Ion Ratio	Lower	Upper	
53	100		
52	82.0	66.0	99.0
51	35.8	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 262.655 ug/l

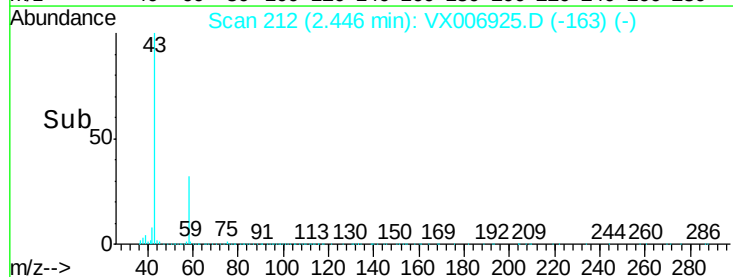
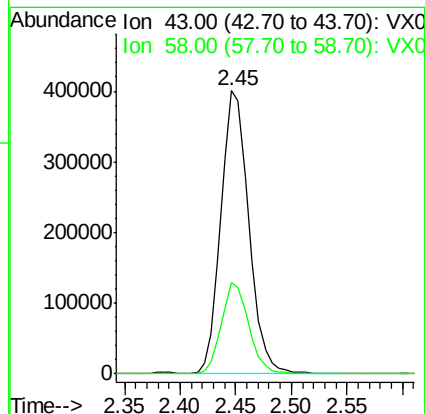
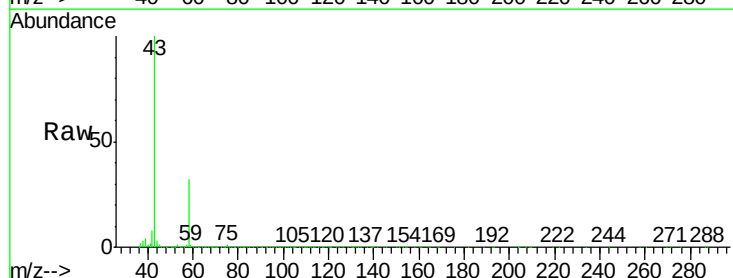
RT: 2.45 min Scan# 212

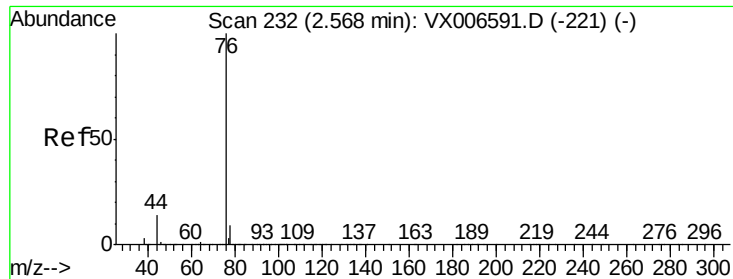
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	43	Resp:	693948
Ion Ratio	Lower	Upper	
43	100		
58	32.1	25.0	37.6





#17

Carbon Disulfide

Concen: 36.529 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 460858

Ion Ratio Lower Upper

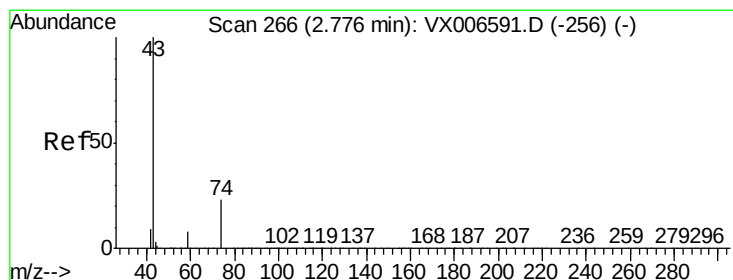
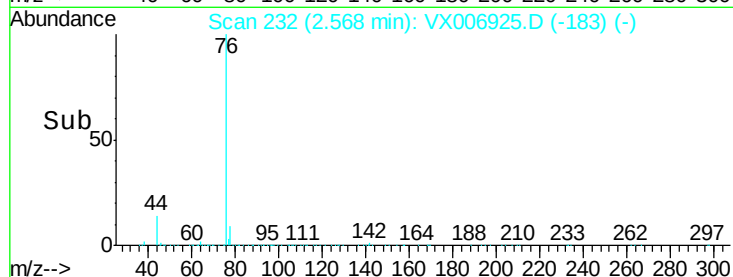
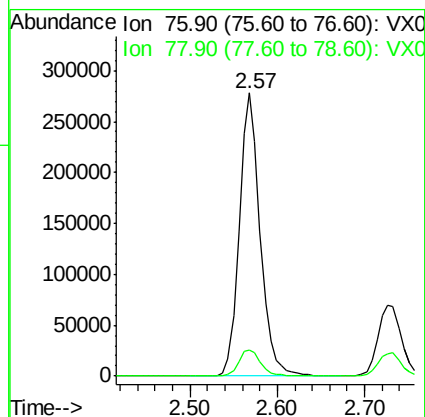
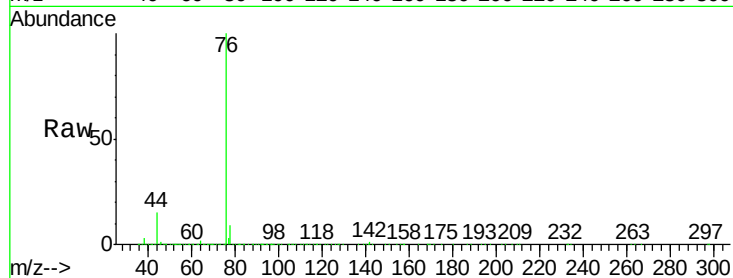
76 100

78 9.2 7.0 10.6

Manual Integrations
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#18

Methyl Acetate

Concen: 53.935 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006925.D

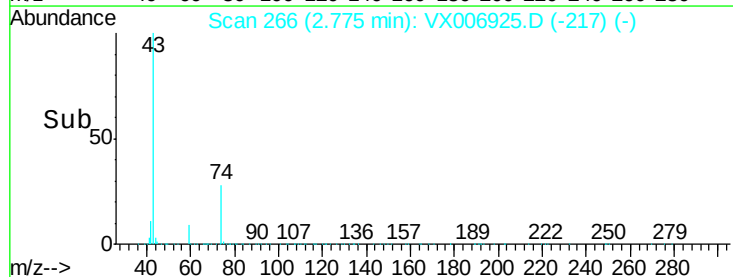
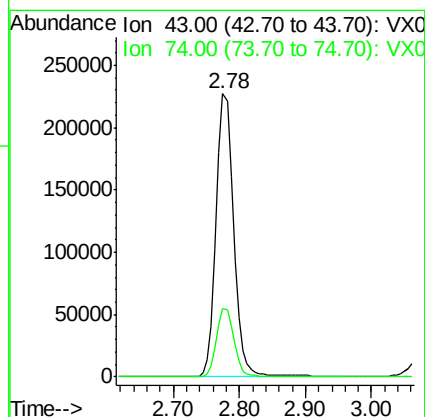
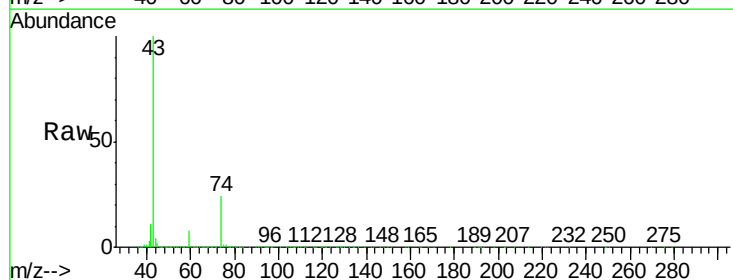
Acq: 07 Jan 2019 10:18

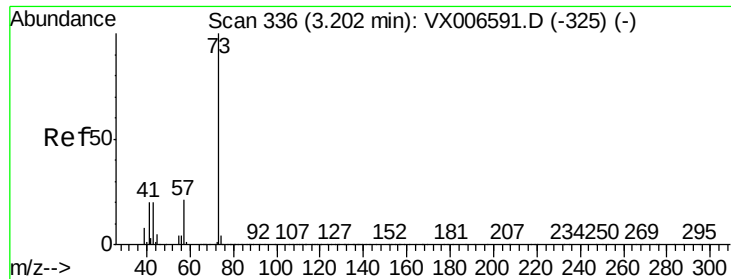
Tgt Ion: 43 Resp: 419012

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0





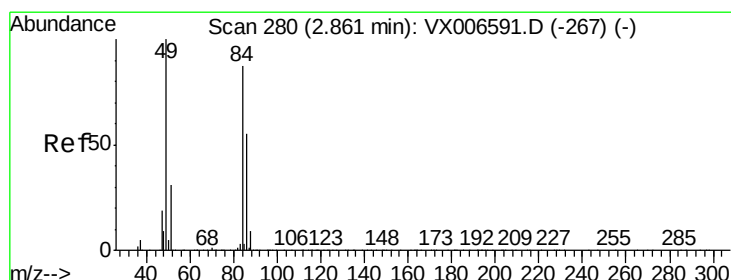
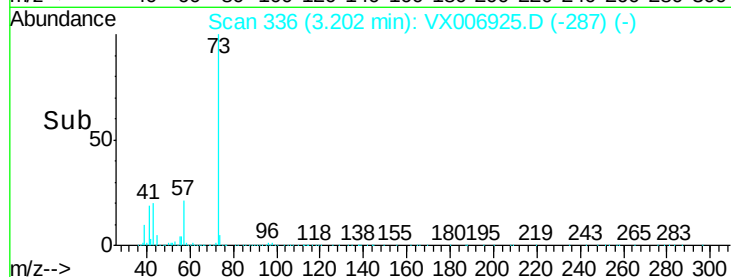
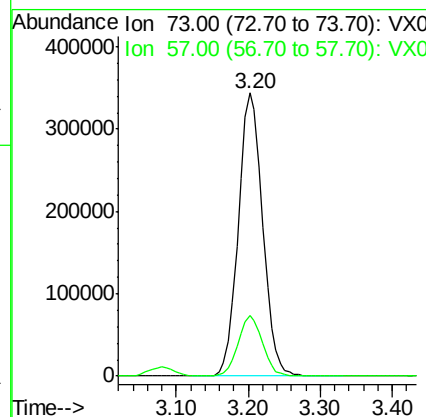
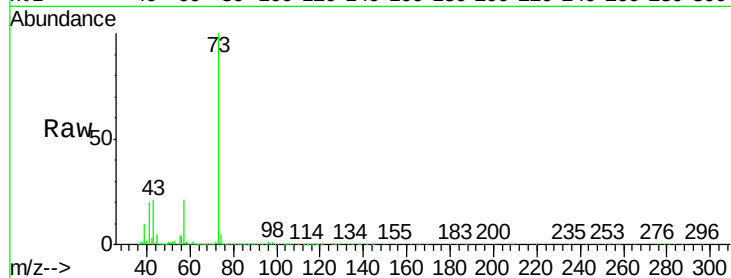
#19
Methyl tert-butyl Ether
Concen: 50.955 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

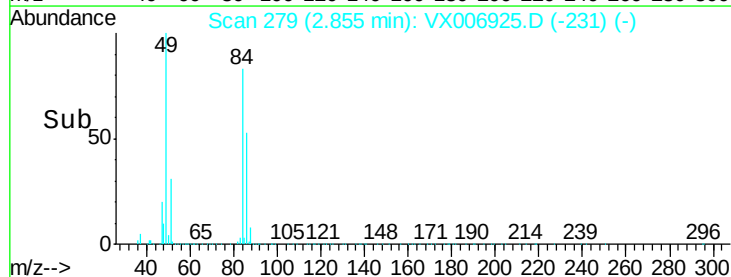
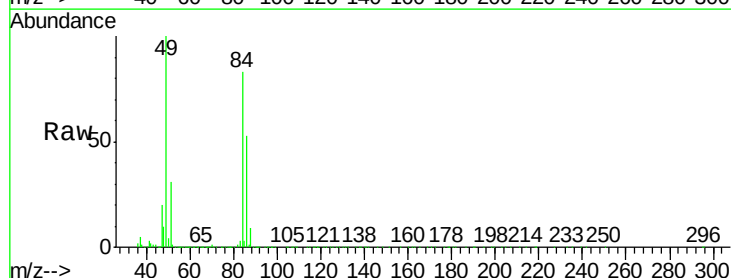
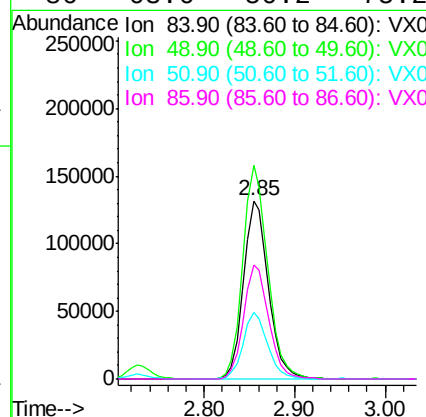
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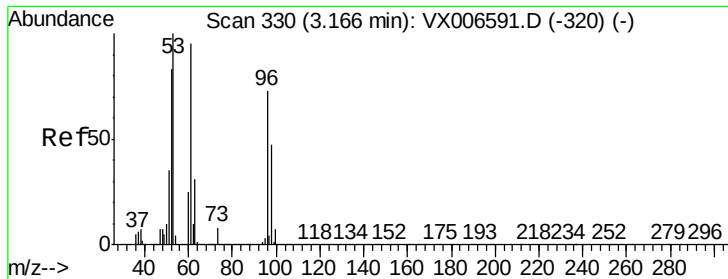
MMDadoda
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#20
Methylene Chloride
Concen: 45.880 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
84	100		
49	119.8	91.8	137.6
51	37.2	28.5	42.7
86	63.6	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 43.213 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

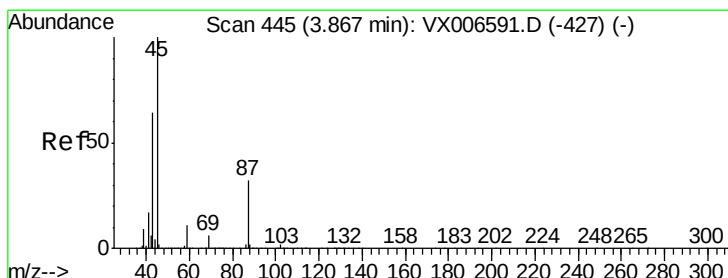
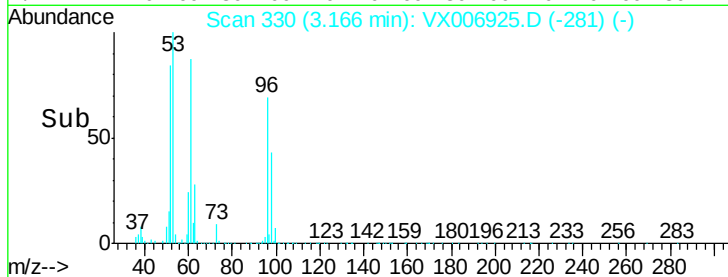
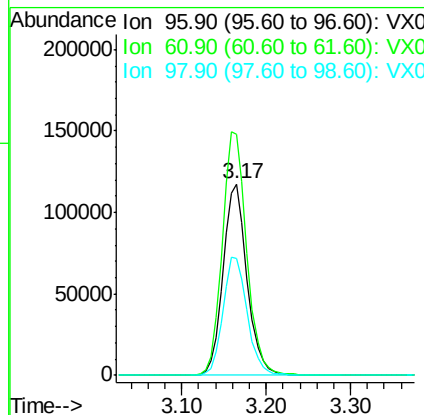
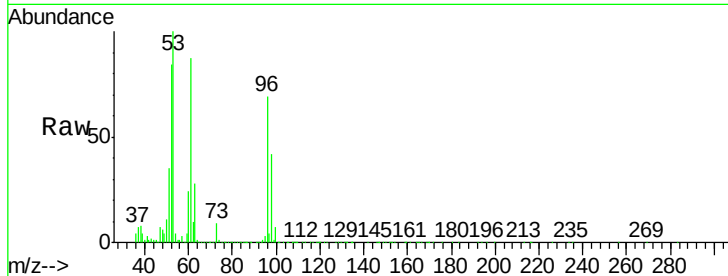
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	228261
Ion	Ratio	Lower	Upper
96	100		
61	126.1	103.7	155.5
98	61.5	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 51.521 ug/l

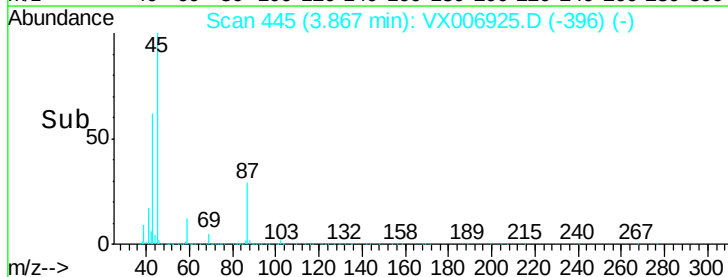
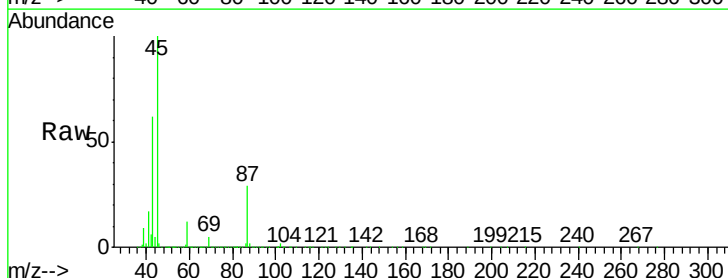
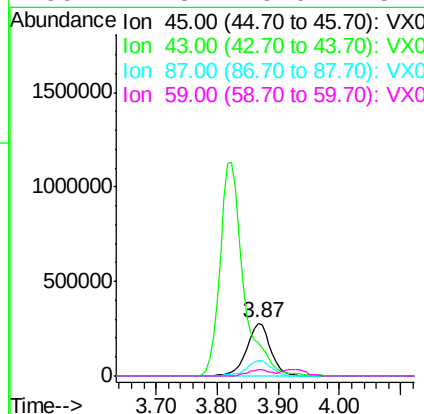
RT: 3.87 min Scan# 445

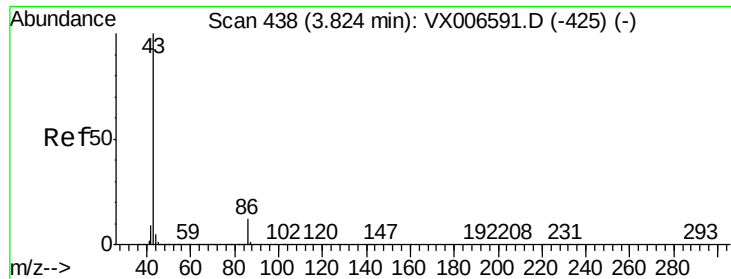
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	45	Resp:	756350
Ion	Ratio	Lower	Upper
45	100		
43	62.2	51.2	76.8
87	29.3	25.8	38.6
59	11.8	9.0	13.4





#23

Vinyl Acetate

Concen: 253.838 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tot Ion: 43 Resp: 3048157

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8

Instrument :

MSVOA_X

ClientSampleId :

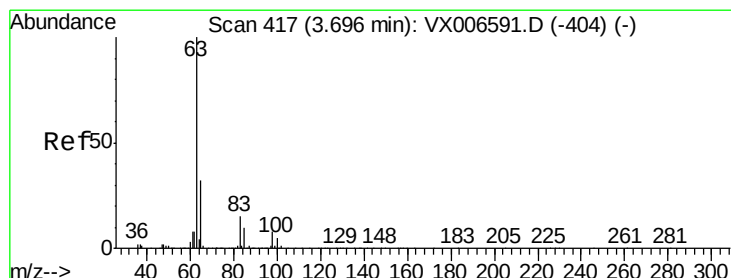
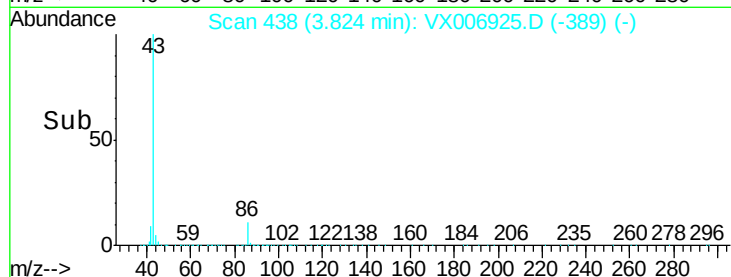
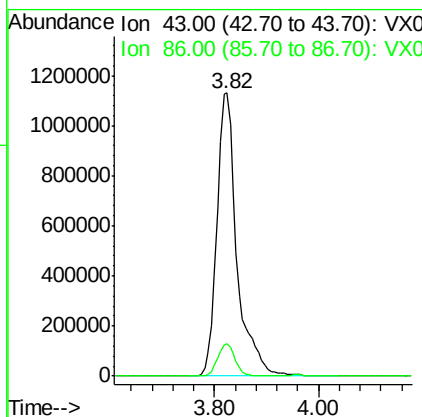
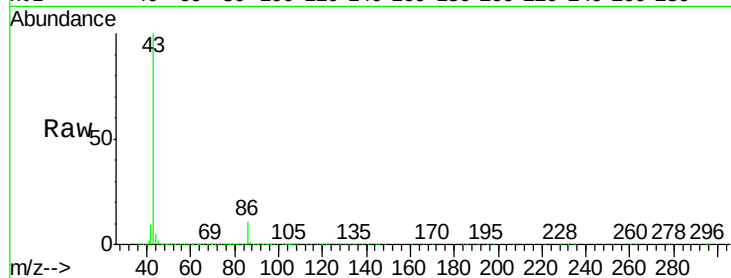
VSTDCCC050

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#24

1,1-Dichloroethane

Concen: 49.247 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

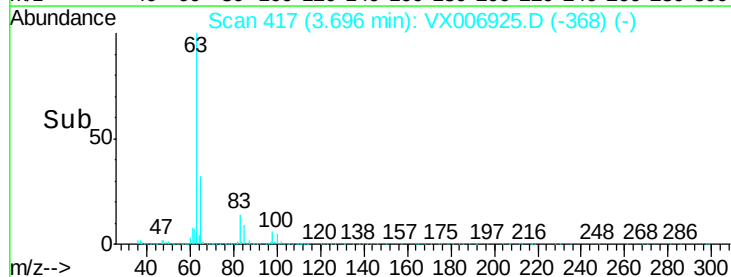
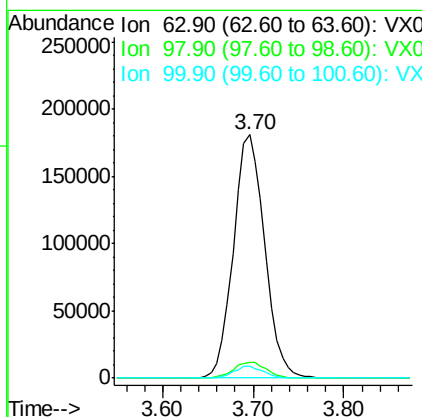
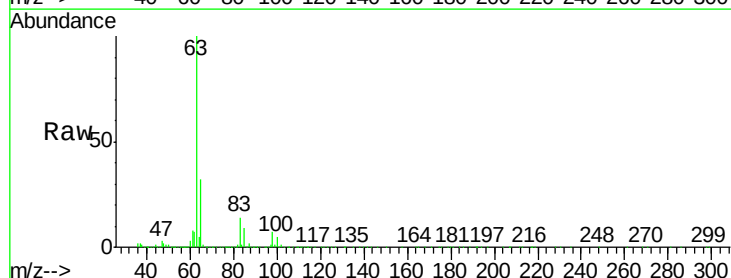
Tgt Ion: 63 Resp: 431587

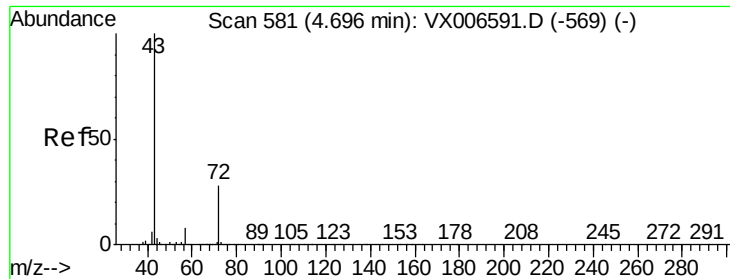
Ion Ratio Lower Upper

63 100

98 6.6 3.9 11.5

100 4.7 2.4 7.2





#25

2-Butanone

Concen: 253.181 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 940913

Ion Ratio Lower Upper

43 100

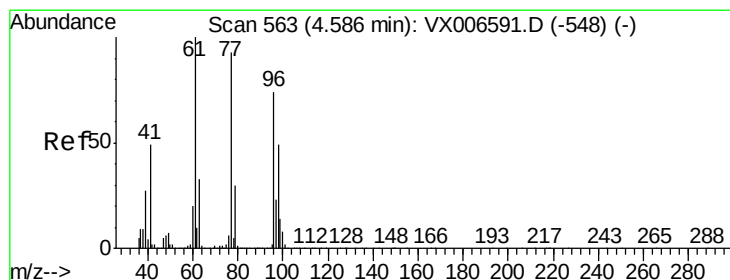
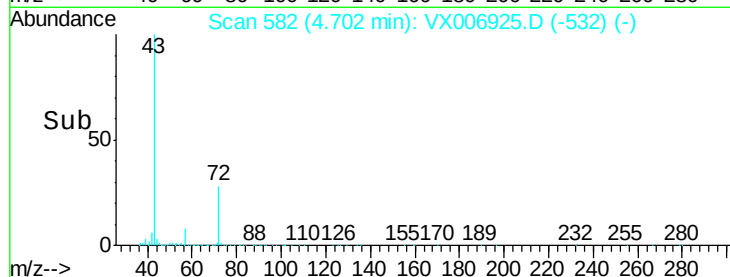
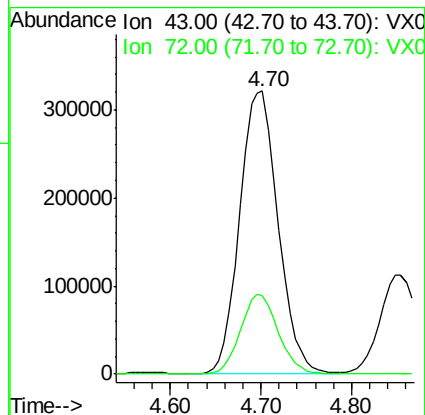
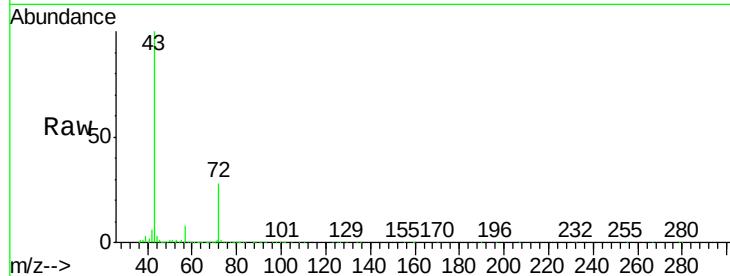
72 27.6 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 50.876 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006925.D

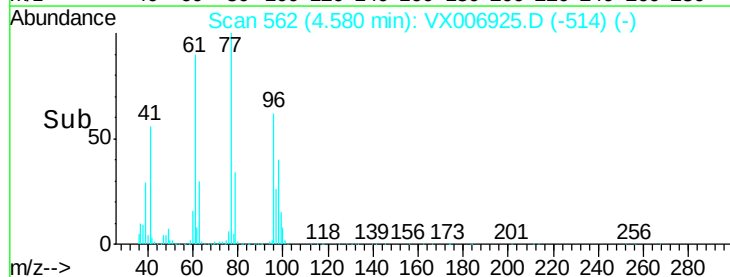
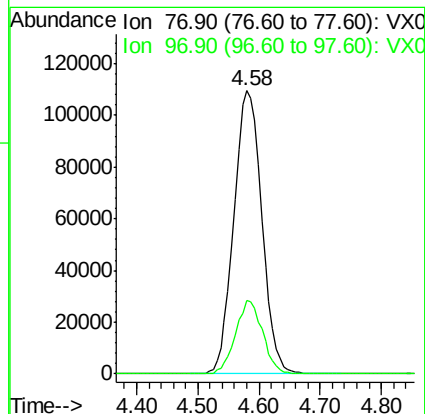
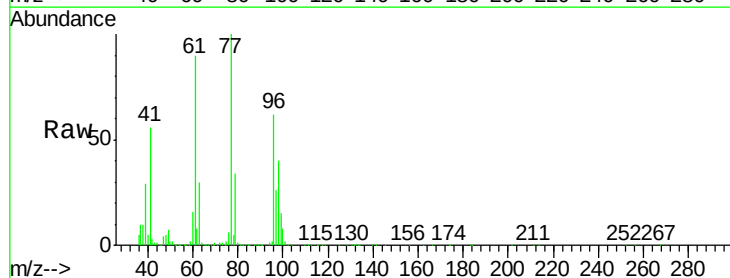
Acq: 07 Jan 2019 10:18

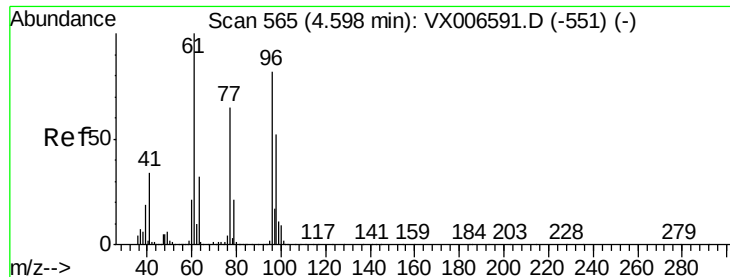
Tgt Ion: 77 Resp: 344408

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4





#27

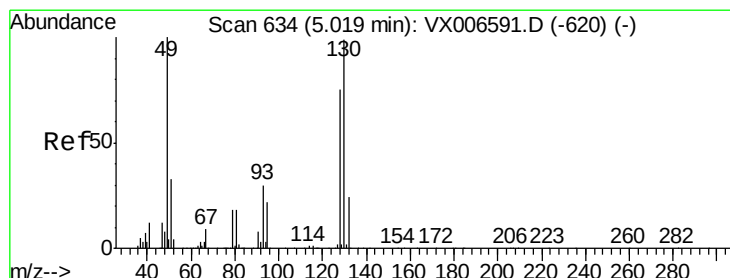
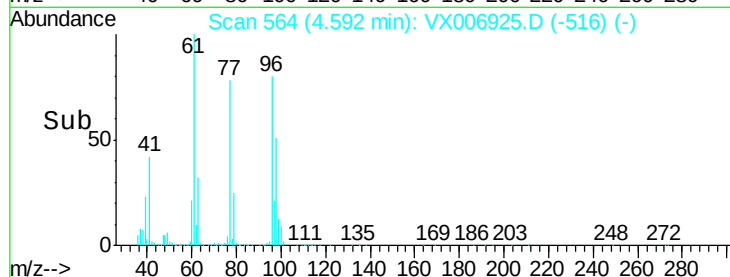
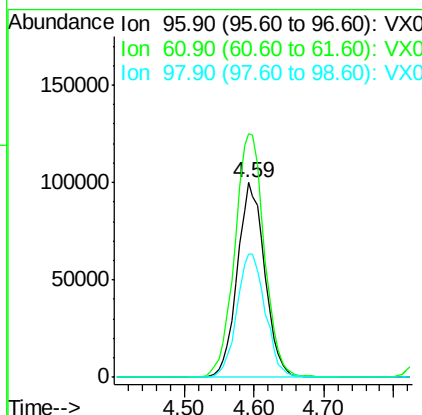
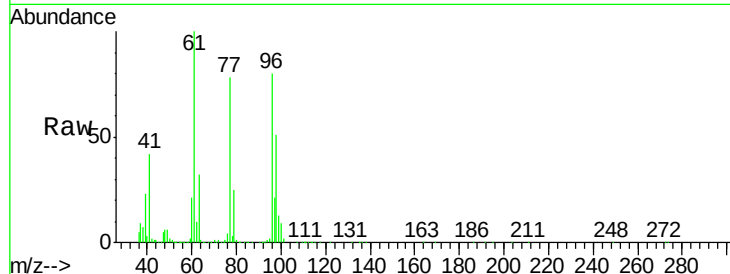
cis-1,2-Dichloroethene
 Concen: 46.803 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.0	0.0	258.6
98	65.5	0.0	132.0

Manual Integrations
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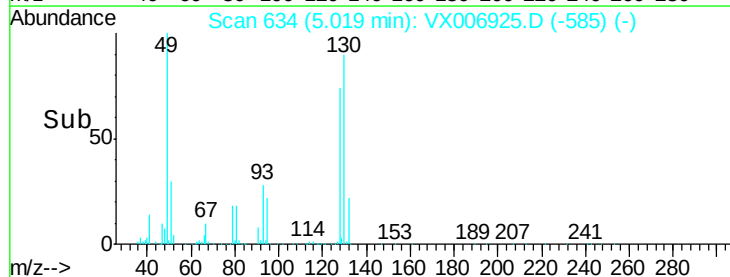
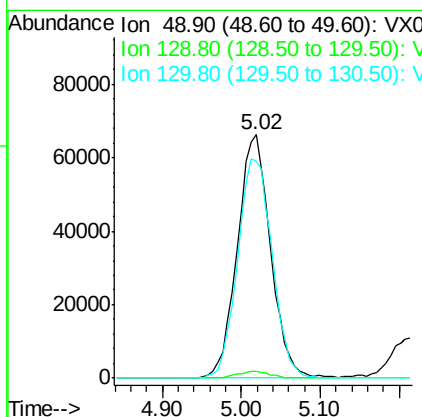
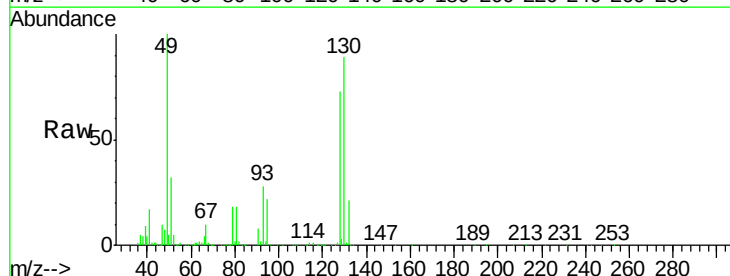
MMDadoda
 1/8/2019 9:33:28 AM

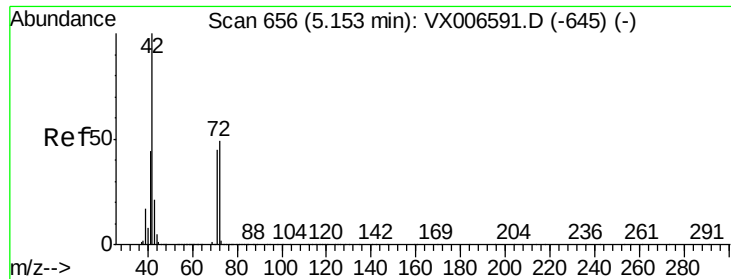


#28

Bromochloromethane
 Concen: 52.810 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	93.7	77.7	116.5





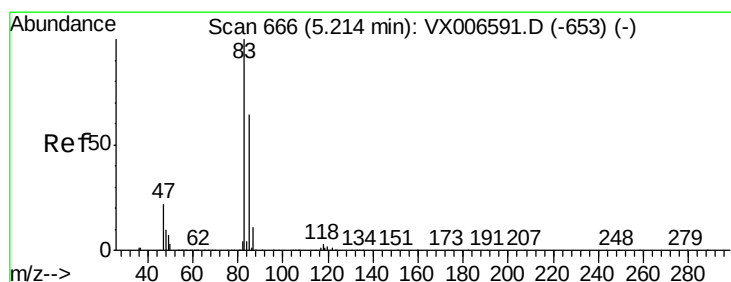
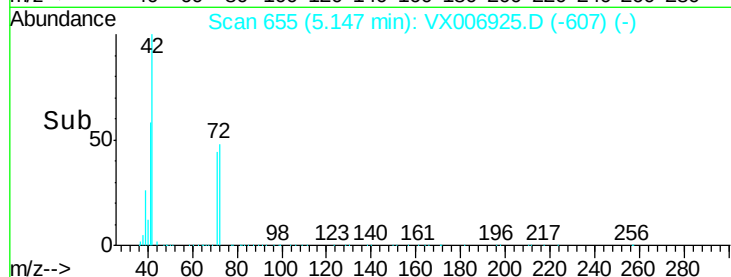
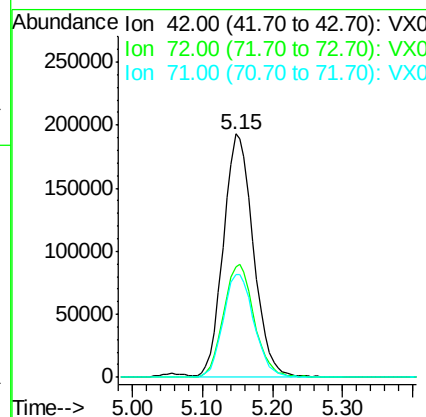
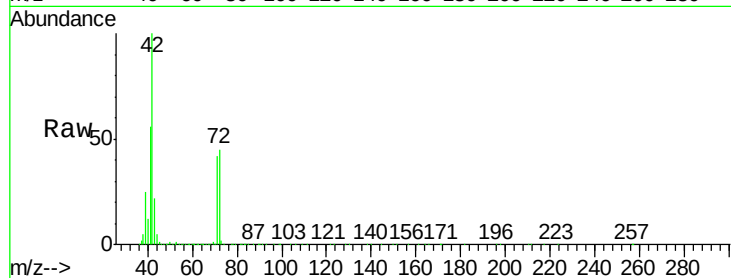
#29
Tetrahydrofuran
Concen: 233.882 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.7	38.9	58.3
71	44.0	36.2	54.4

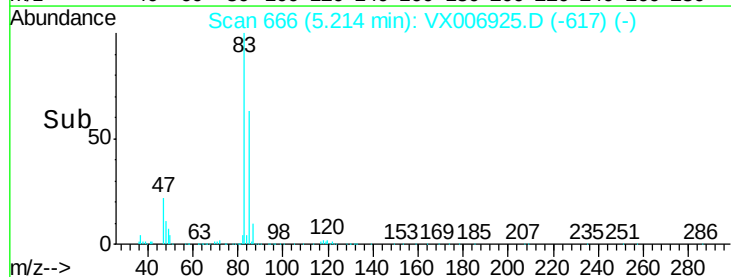
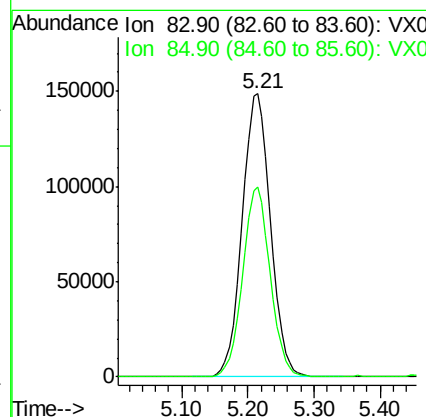
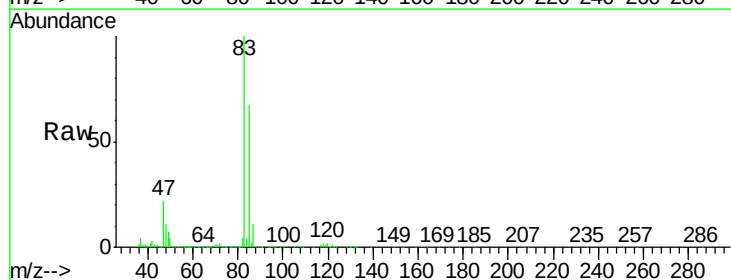
Manual Integrations
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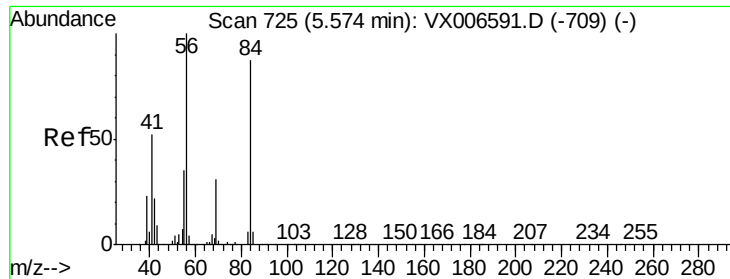
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1/8/2019 9:33:28 AM



#30
Chloroform
Concen: 48.550 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
83	100		
85	67.0	51.2	76.8





#31

Cyclohexane

Concen: 42.903 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

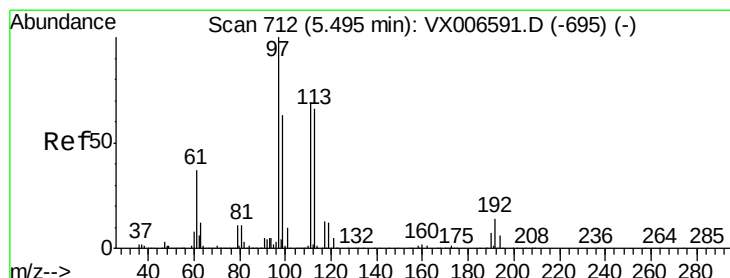
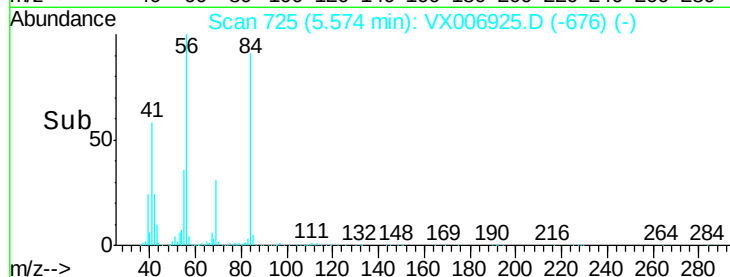
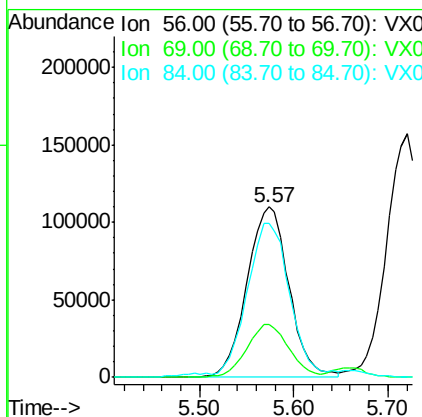
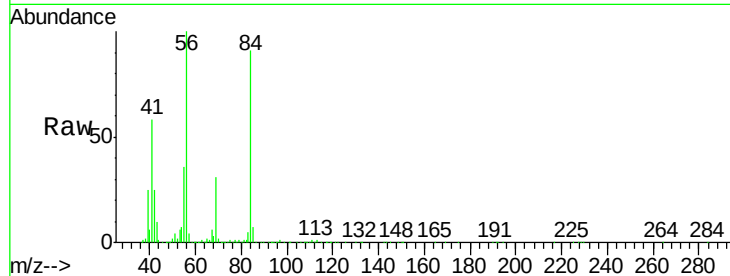
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	341578
Ion Ratio	Lower	Upper	
56	100		
69	30.9	24.4	36.6
84	89.2	70.0	105.0

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#32

1,1,1-Trichloroethane

Concen: 49.453 ug/l

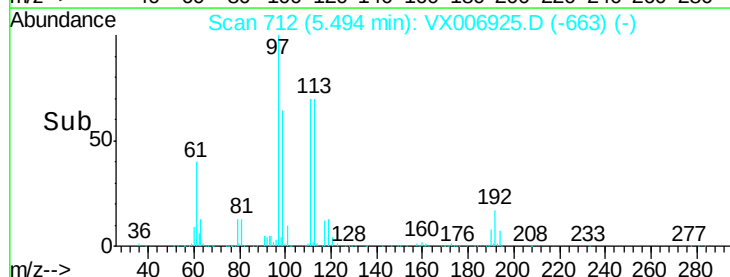
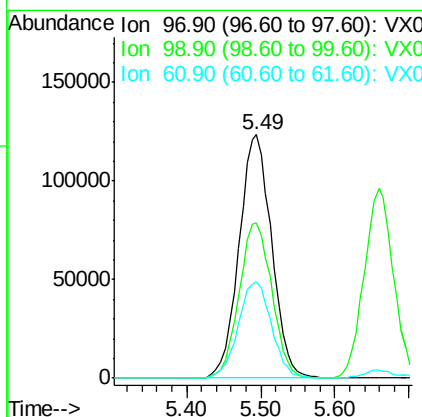
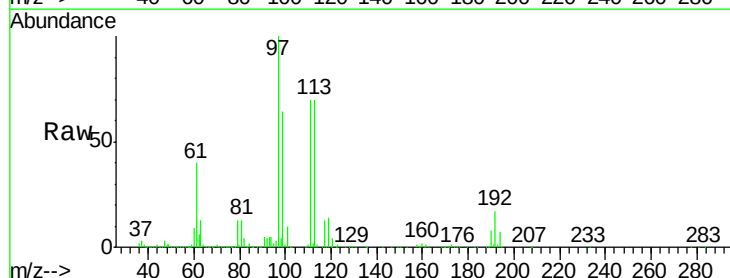
RT: 5.49 min Scan# 712

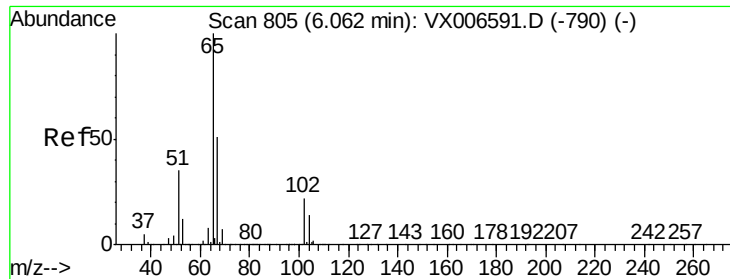
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	97	Resp:	378956
Ion Ratio	Lower	Upper	
97	100		
99	64.3	51.7	77.5
61	40.8	31.3	46.9





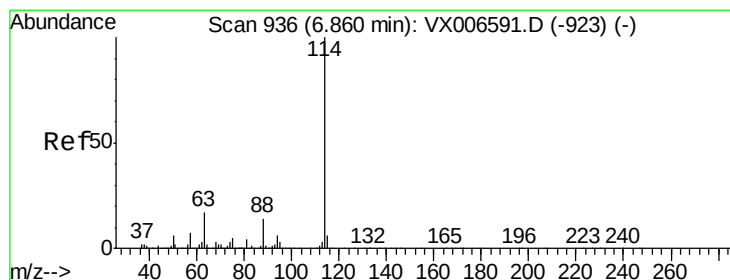
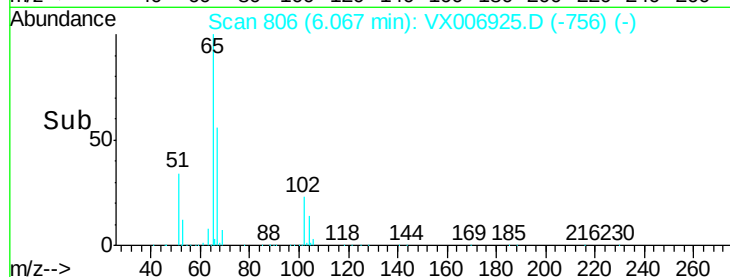
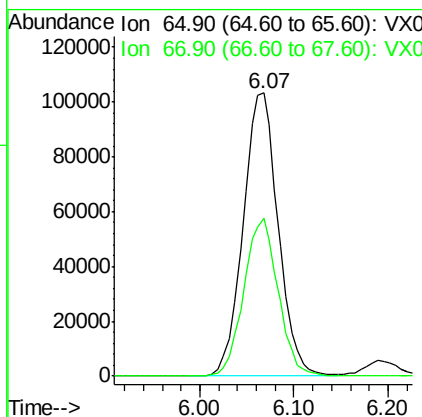
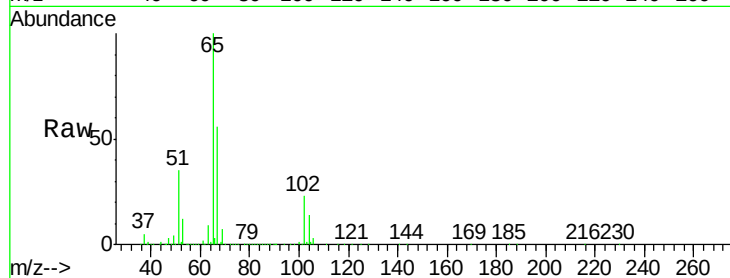
#33
 1,2-Dichloroethane-d4
 Concen: 46.780 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.01 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
65	100		
67	54.3	0.0	105.0

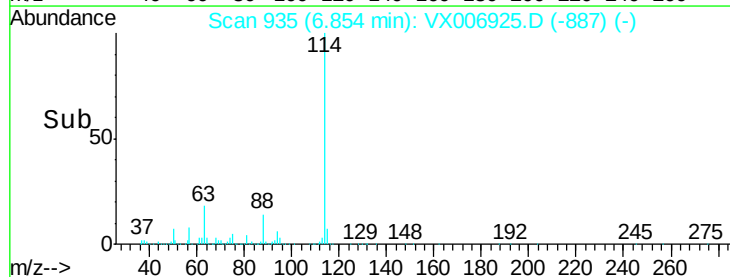
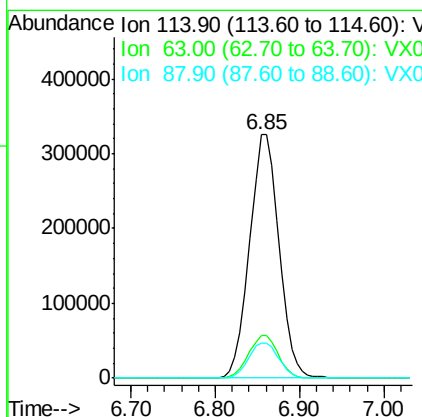
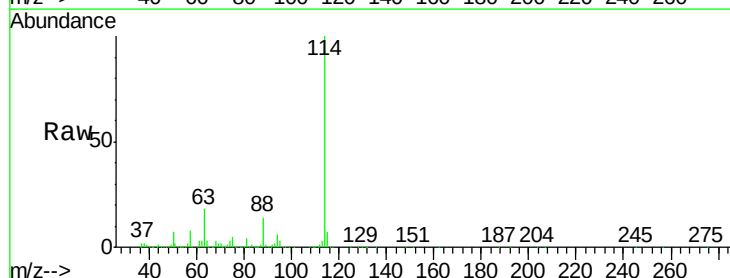
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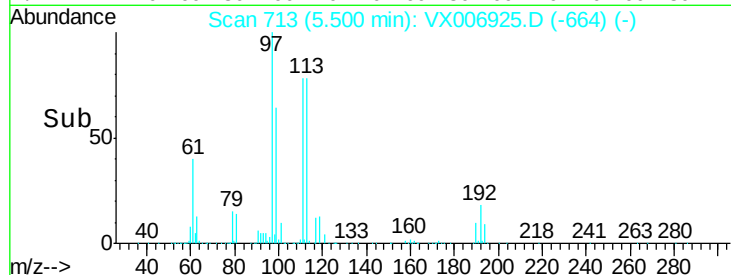
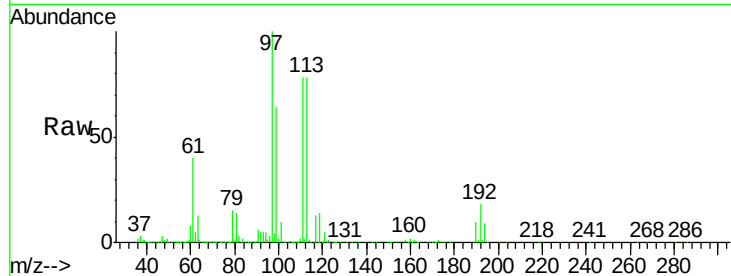
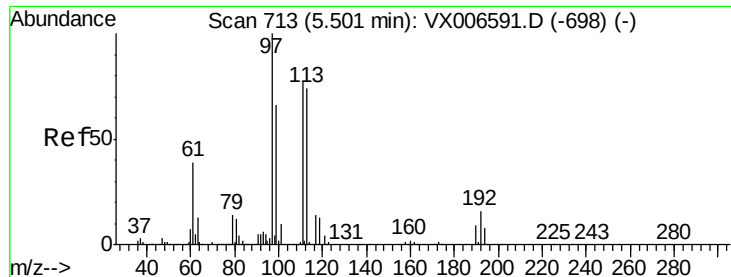
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 1/8/2019 9:33:28 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
114	100		
63	17.5	0.0	34.8
88	14.4	0.0	28.8





#35

Dibromofluoromethane

Concen: 51.615 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006925.D

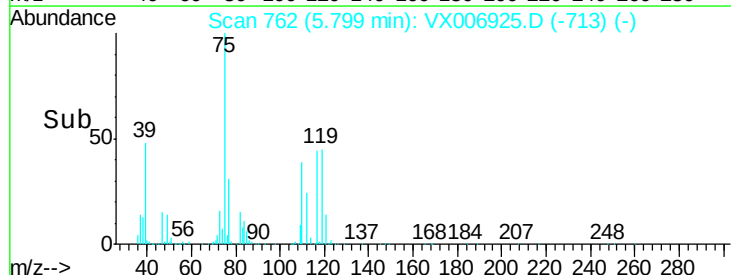
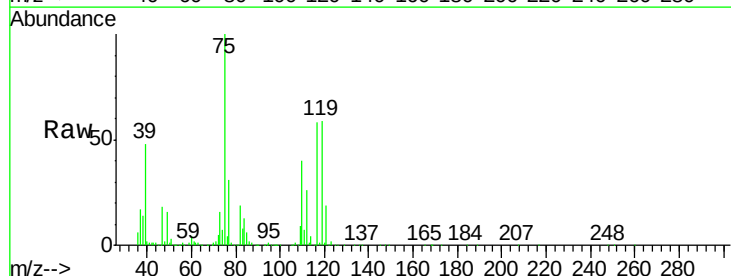
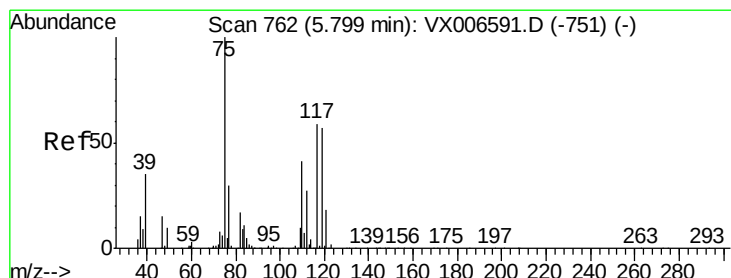
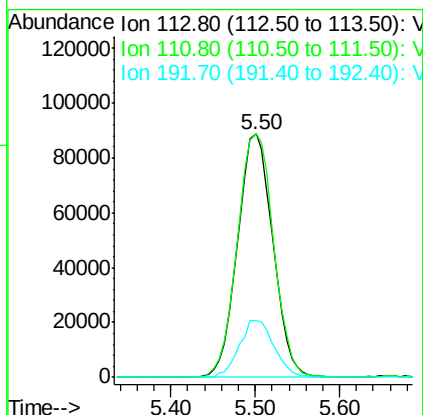
Acq: 07 Jan 2019 10:18

Tot Ion:	113	Resp:	252114
Ion Ratio	Lower	Upper	
113	100		
111	102.9	81.6	122.4
192	23.1	16.7	25.1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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1/8/2019 9:33:28 AM



#36

1,1-Dichloropropene

Concen: 48.123 ug/l

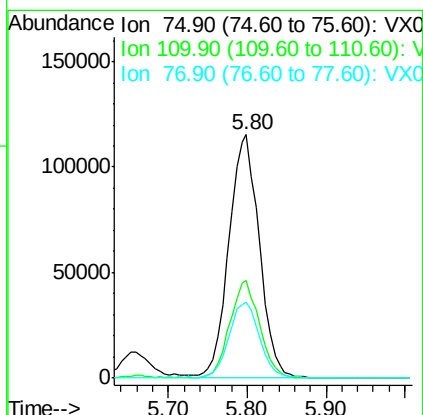
RT: 5.80 min Scan# 762

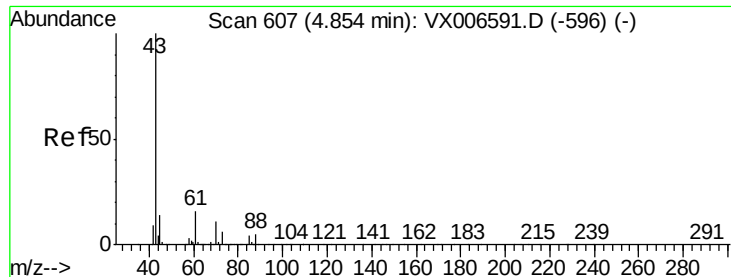
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	75	Resp:	307852
Ion Ratio	Lower	Upper	
75	100		
110	39.6	20.2	60.5
77	31.0	24.8	37.2





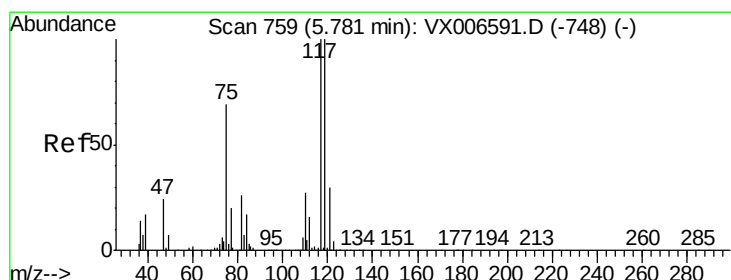
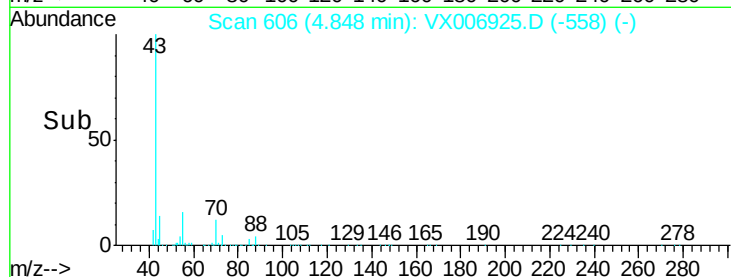
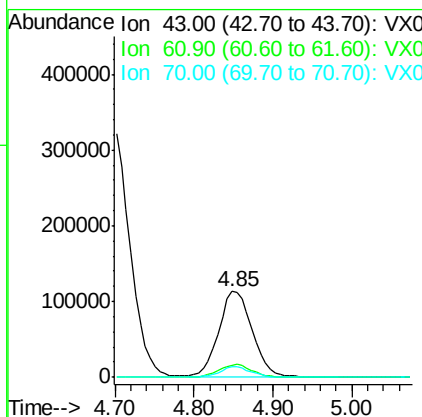
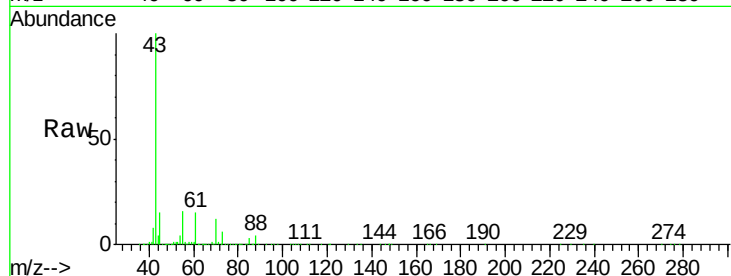
#37
Ethyl Acetate
Concen: 50.536 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	43	Resp:	336489
Ion	Ratio	Lower	Upper
43	100		
61	14.4	11.9	17.9
70	11.6	9.7	14.5

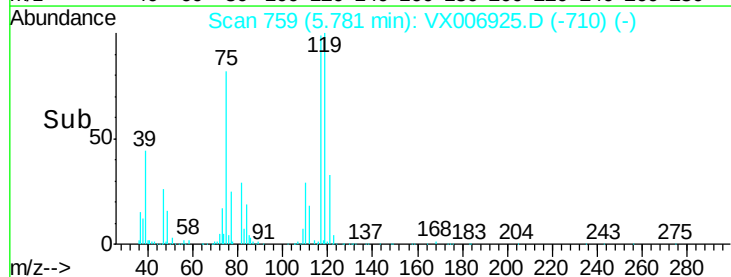
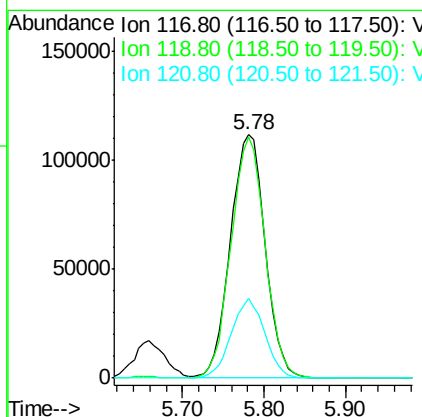
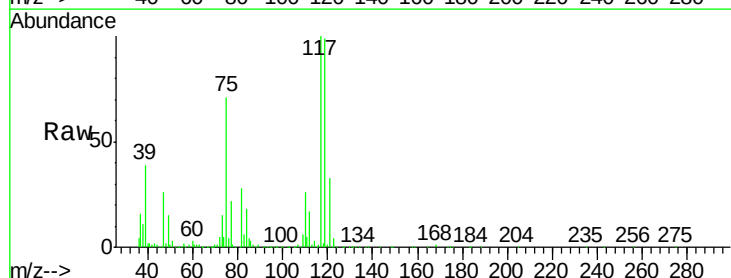
Manual Integrations
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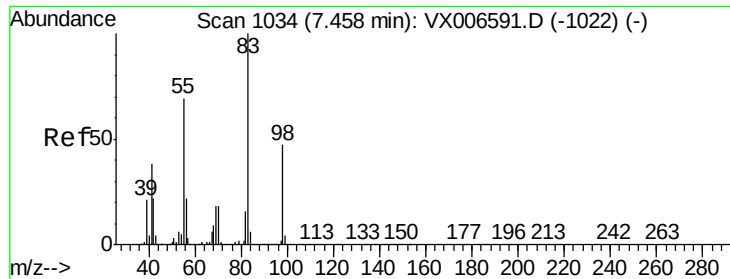
MMDadoda
1/8/2019 9:33:28 AM



#38
Carbon Tetrachloride
Concen: 52.721 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion:	117	Resp:	327773
Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.4	119.2
121	32.6	24.0	36.0





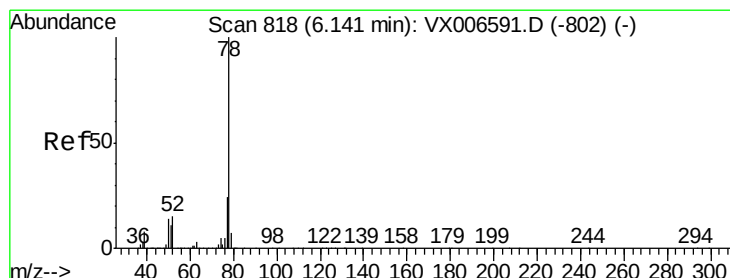
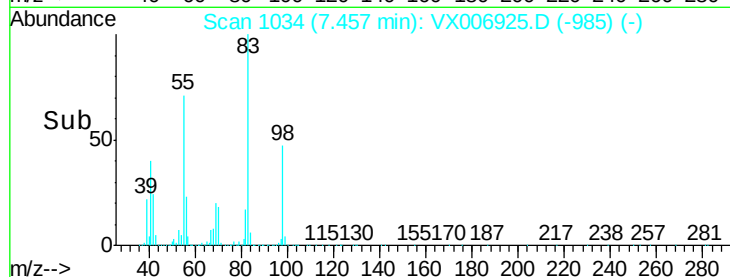
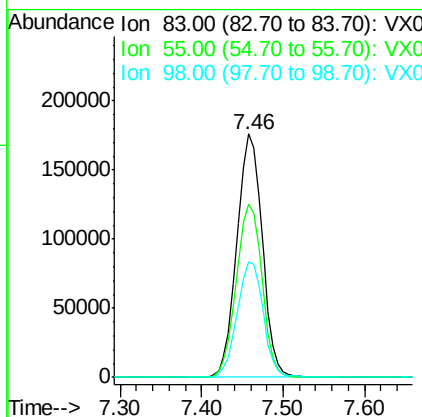
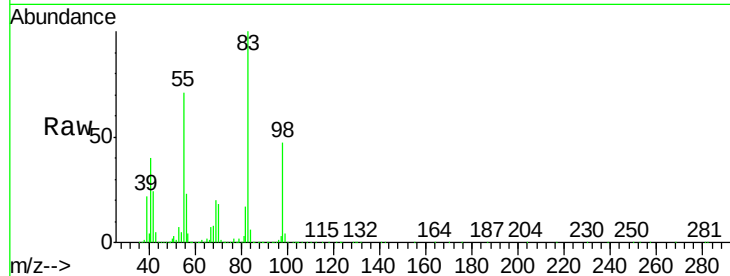
#39
Methylvlcyclohexane
Concen: 44.983 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	71.2	54.9	82.3
98	47.4	37.9	56.9

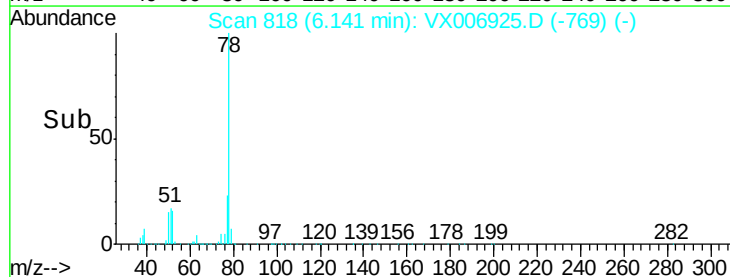
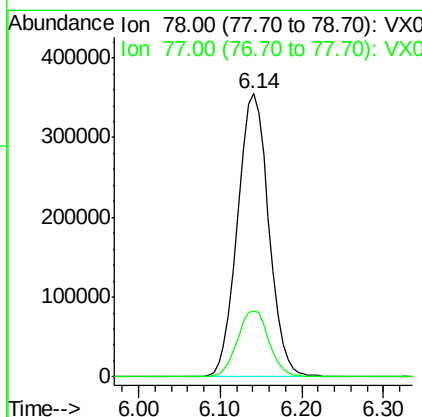
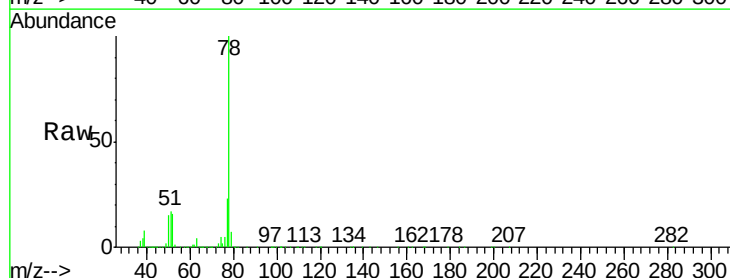
Manual Integrations
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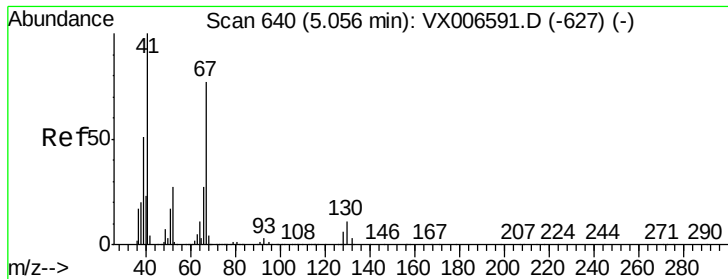
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#40
Benzene
Concen: 48.473 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 54.245 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

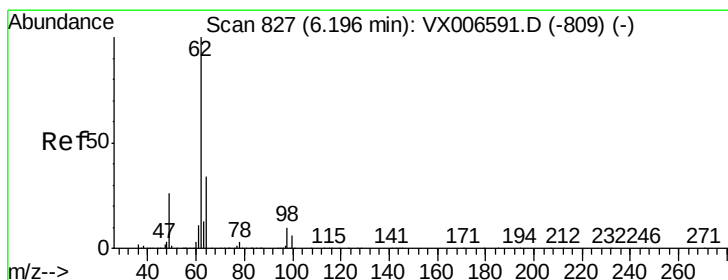
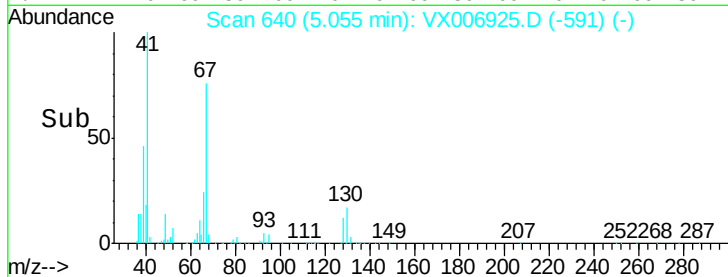
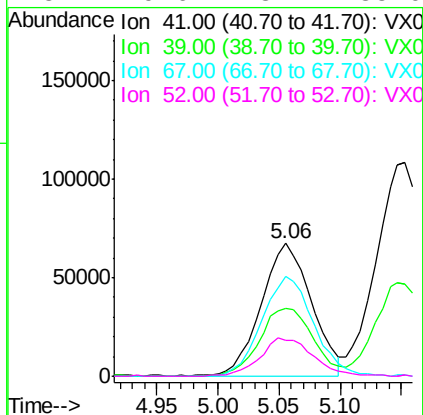
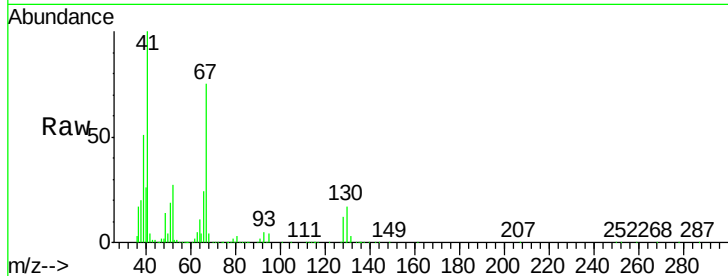
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		191758		
39	54.9	42.8	64.2		
67	77.9	62.1	93.1		
52	29.6	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 49.611 ug/l

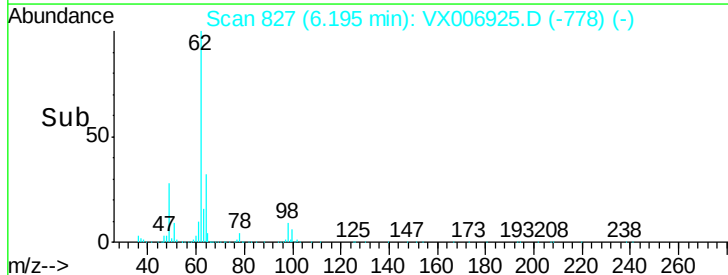
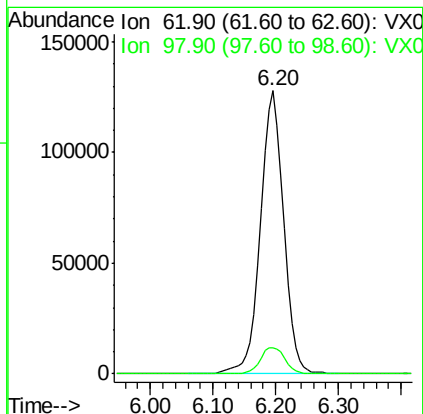
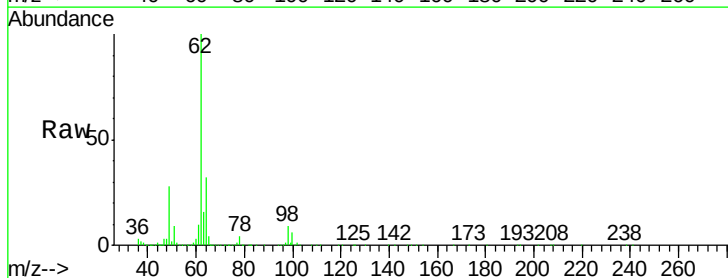
RT: 6.20 min Scan# 827

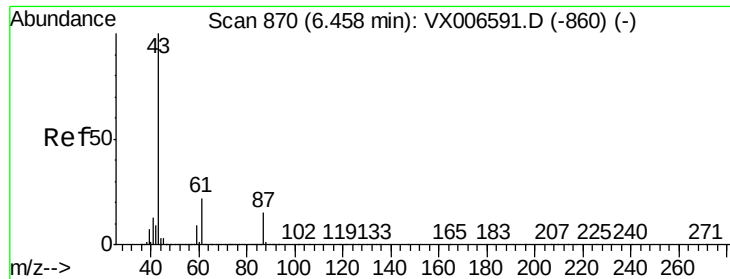
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		328730		
98	9.7	0.0	20.2		





#43

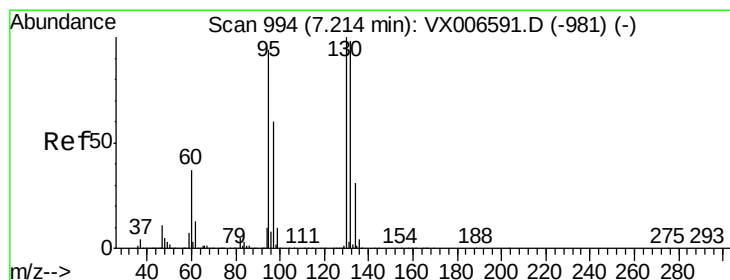
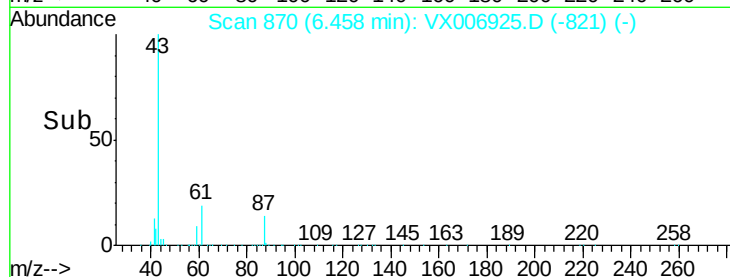
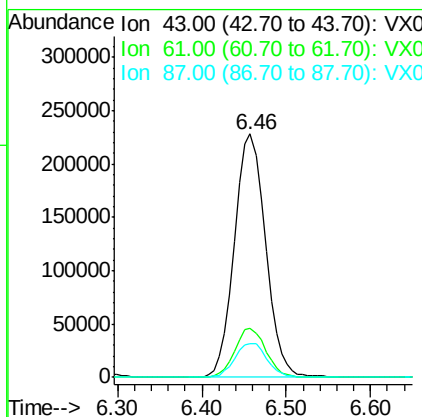
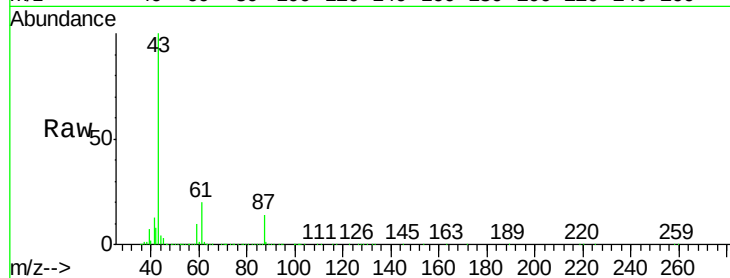
Isopropyl Acetate
 Concen: 56.349 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.2	16.8	25.2
87	14.4	12.4	18.6

Manual Integrations
 APPROVED

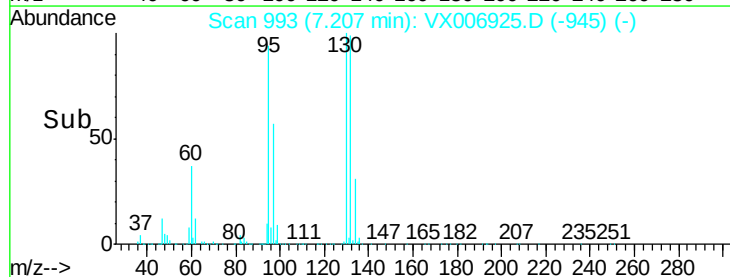
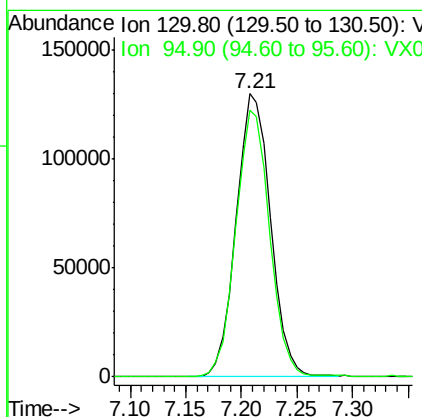
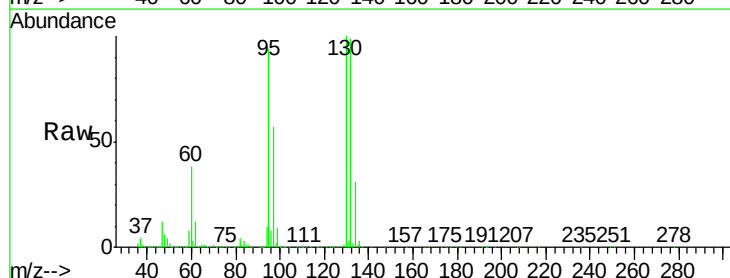
MMDadoda
 1/8/2019 9:33:28 AM

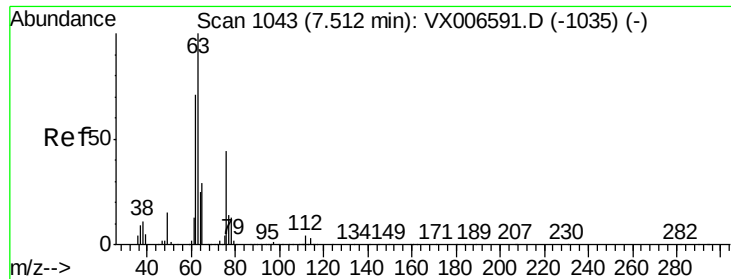


#44

Trichloroethene
 Concen: 47.462 ug/l
 RT: 7.21 min Scan# 993
 Delta R.T. -0.01 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.1	0.0	187.0





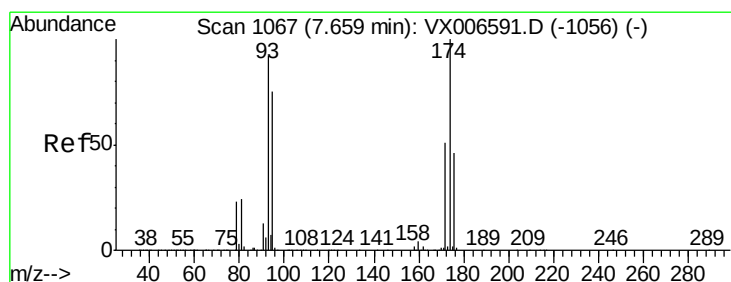
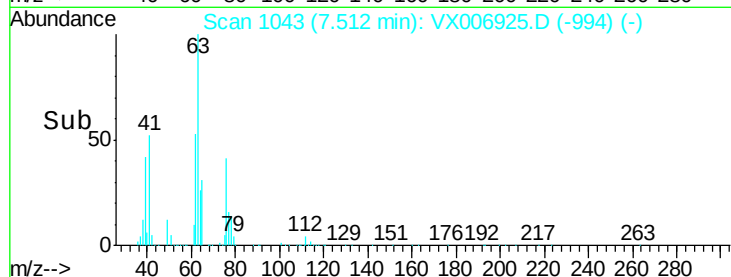
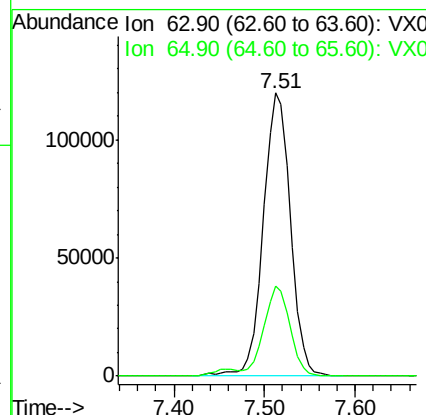
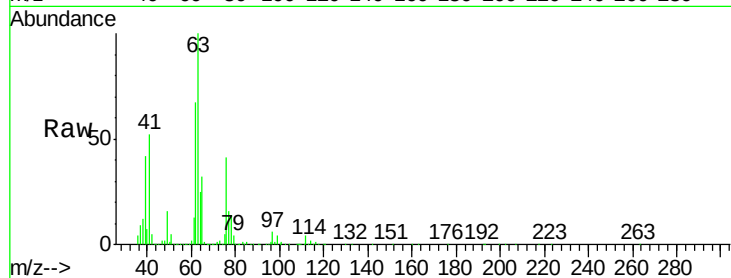
#45
 1,2-Dichloropropane
 Concen: 52.312 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.9	25.4	38.0

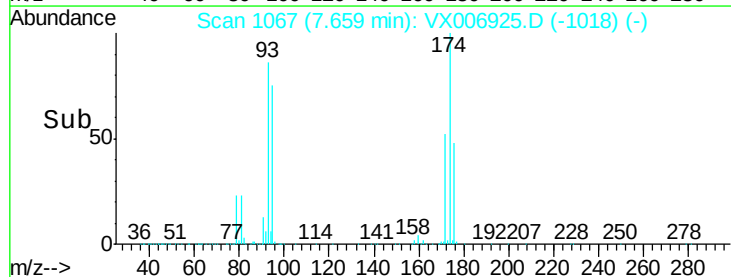
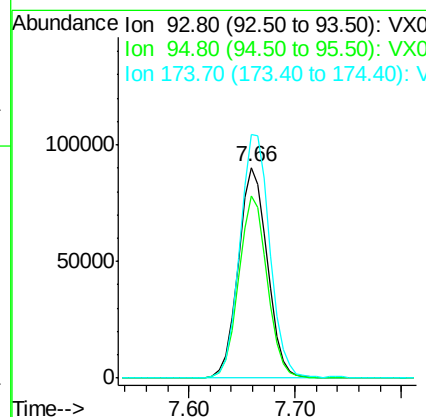
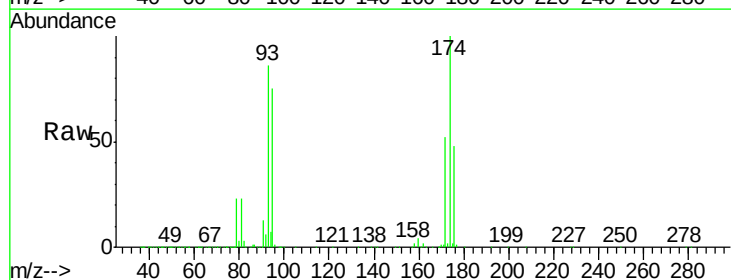
Manual Integrations
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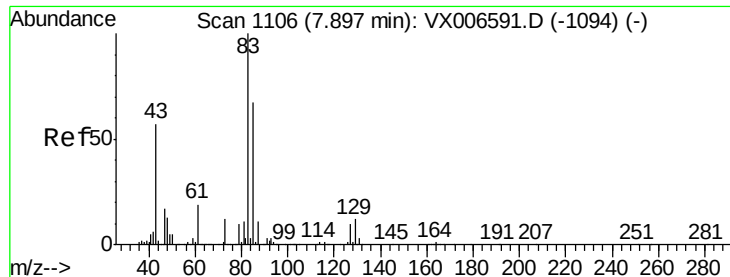
MMDadoda
 1/8/2019 9:33:28 AM



#46
 Dibromomethane
 Concen: 49.494 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
93	100		
95	85.2	66.2	99.4
174	119.8	91.0	136.4





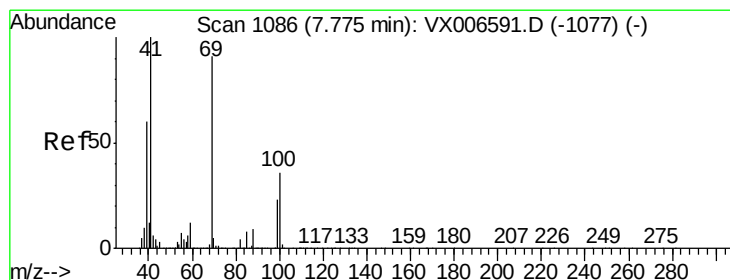
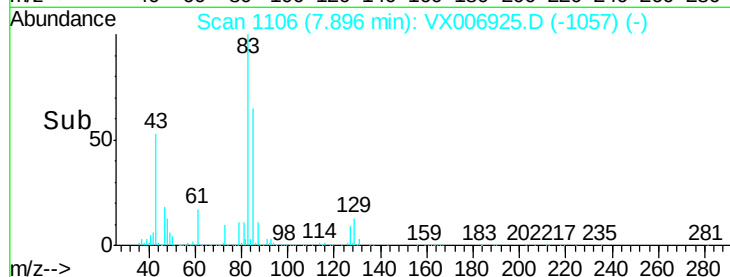
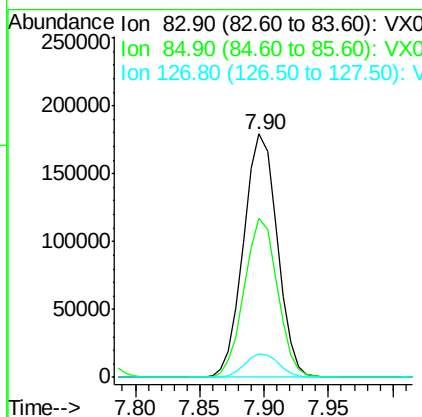
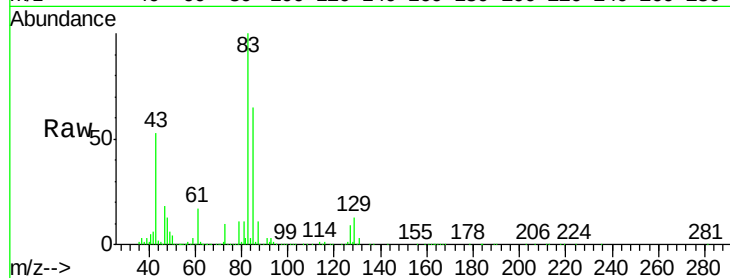
#47
Bromodichloromethane
Concen: 56.365 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	83	Resp	325717
Ion Ratio	Lower	Upper	
83	100		
85	65.3	53.2	79.8
127	9.4	7.8	11.6

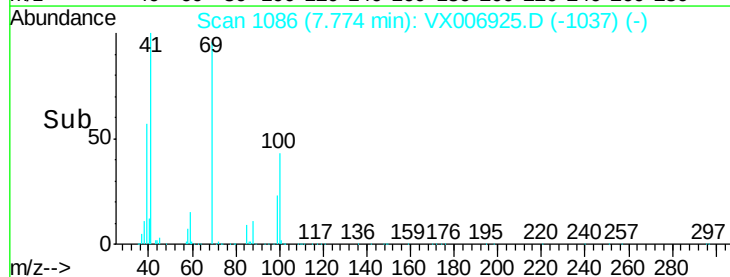
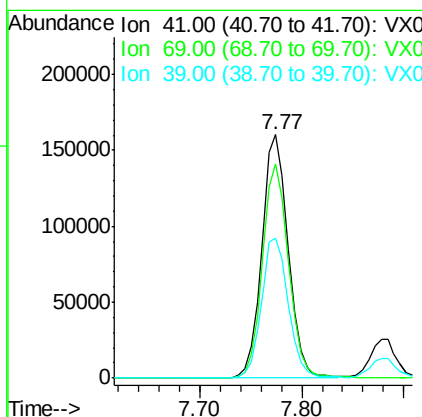
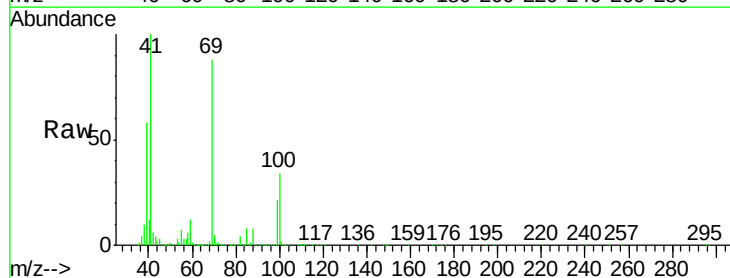
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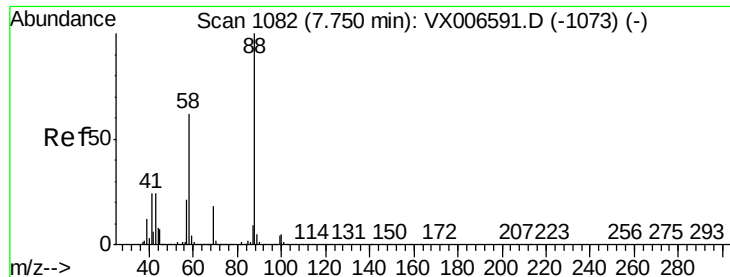
MMDadoda
1/8/2019 9:33:28 AM



#48
Methyl methacrylate
Concen: 55.749 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	41	Resp	287213
Ion Ratio	Lower	Upper	
41	100		
69	87.8	72.4	108.6
39	58.8	45.8	68.8





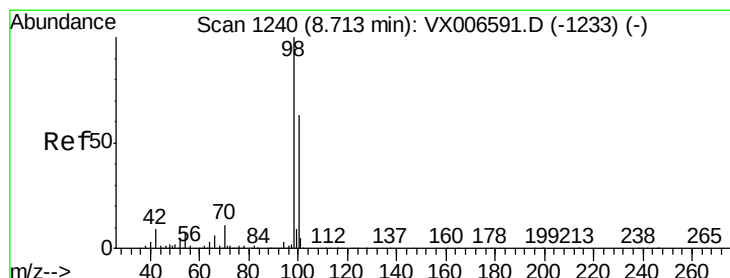
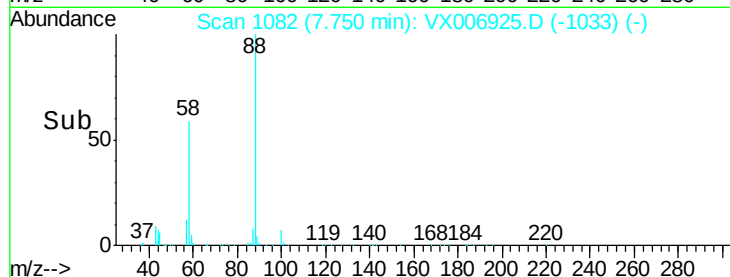
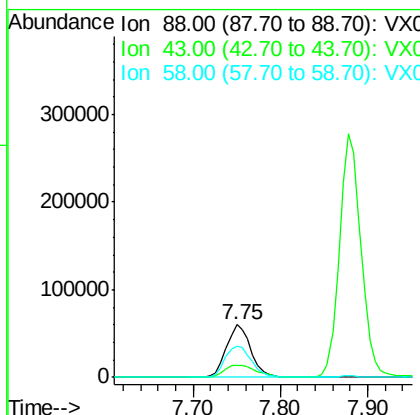
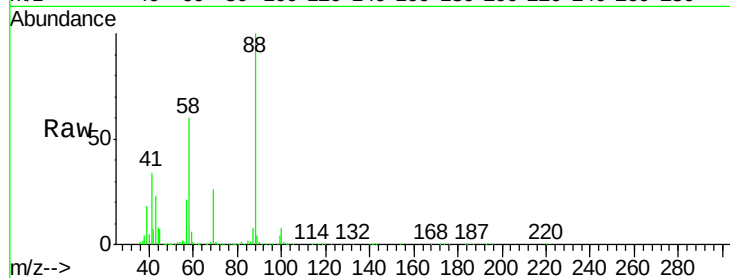
#49
1,4-Dioxane
Concen: 860.673 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.2	33.4
58	64.3	51.0	76.4

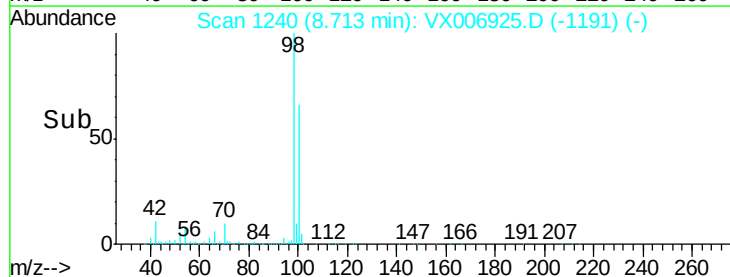
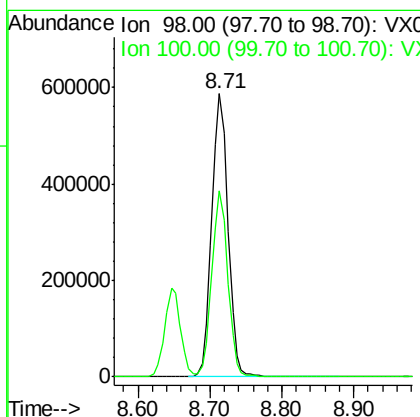
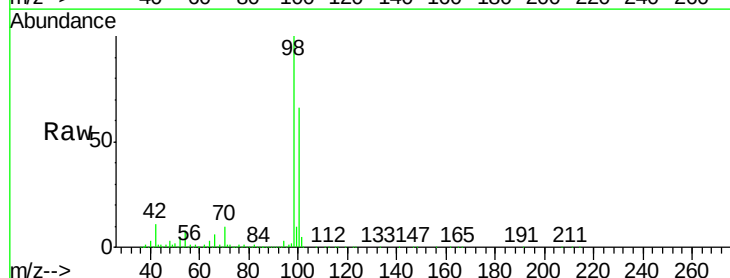
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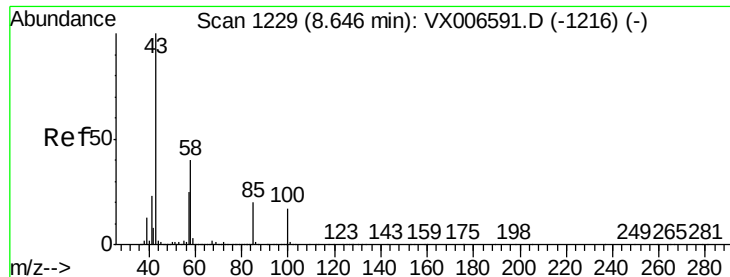
MMDadoda
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#50
Toluene-d8
Concen: 49.892 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.4	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 276.796 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1784233

Ion Ratio Lower Upper

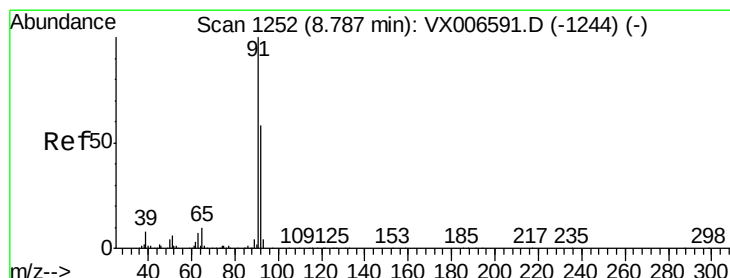
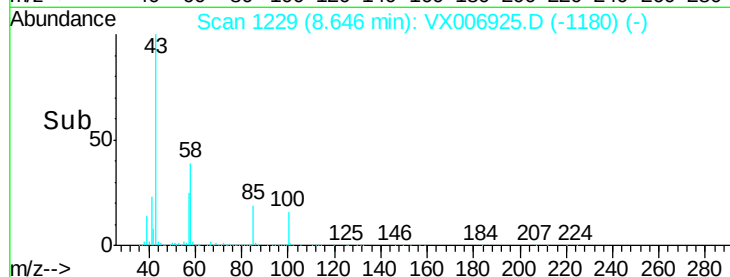
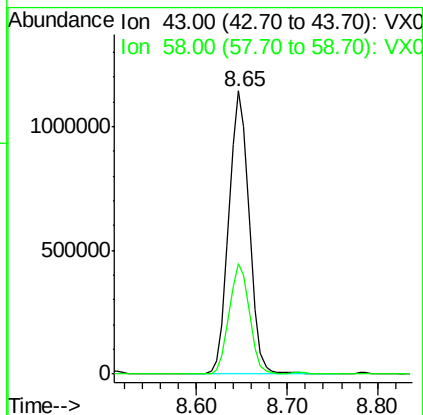
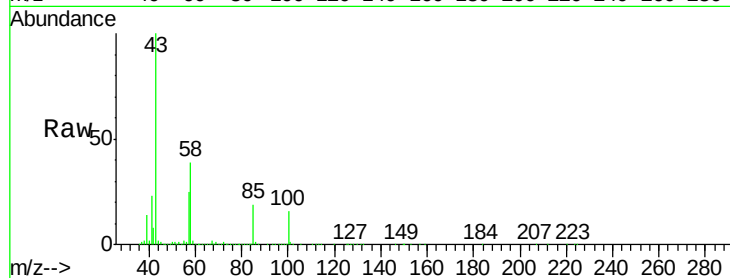
43 100

58 38.8 31.8 47.6

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#52

Toluene

Concen: 49.706 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006925.D

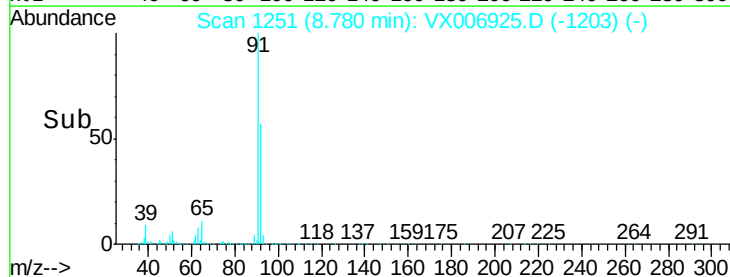
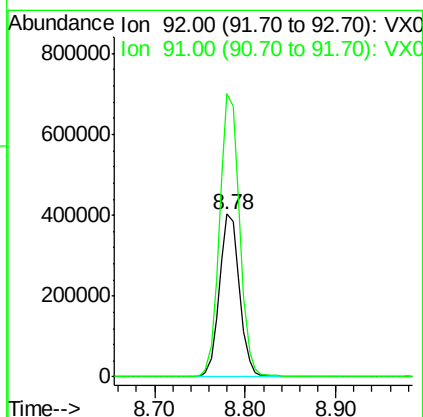
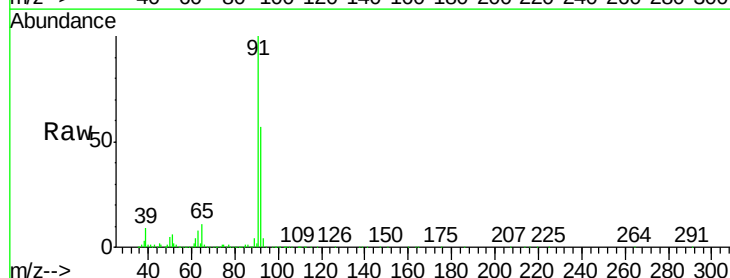
Acq: 07 Jan 2019 10:18

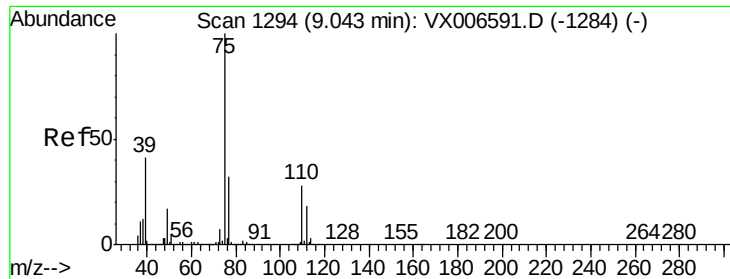
Tgt Ion: 92 Resp: 624435

Ion Ratio Lower Upper

92 100

91 173.6 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 59.338 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 75 Resp: 367751

Ion Ratio Lower Upper

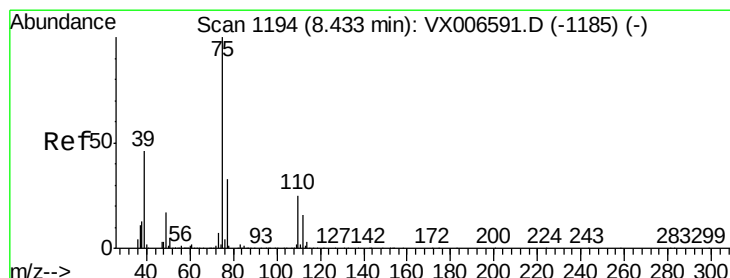
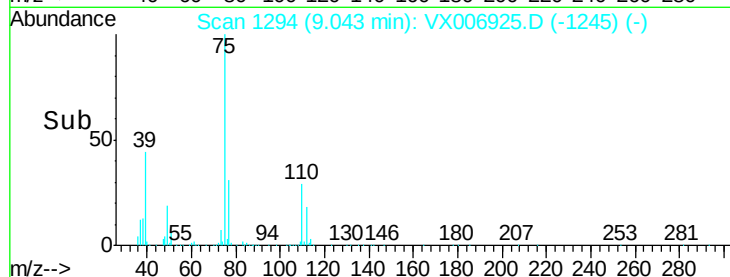
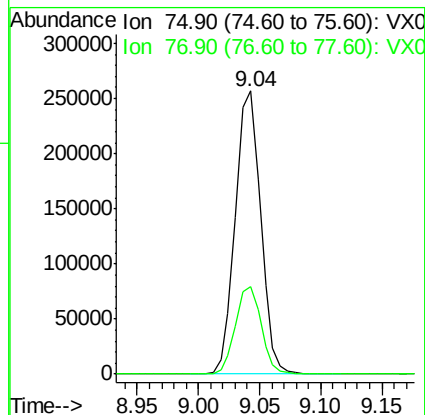
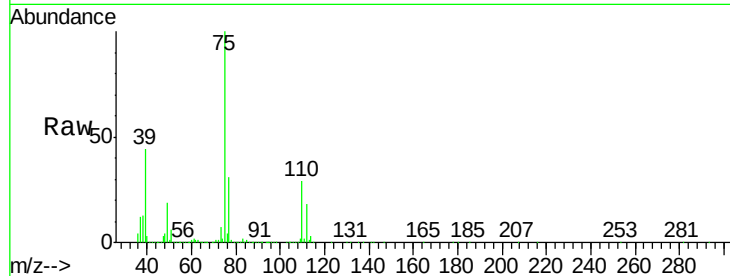
75 100

77 30.8 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 58.513 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

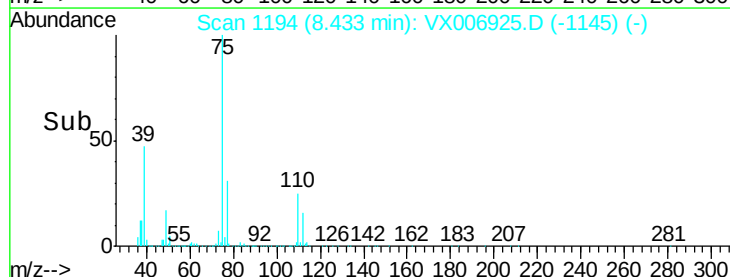
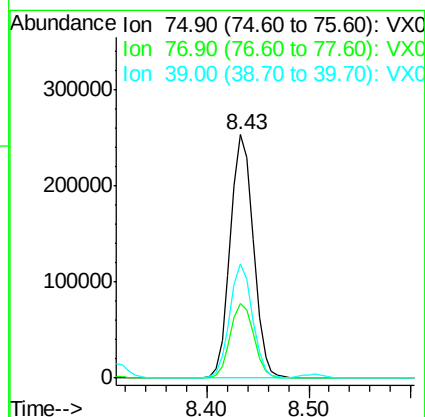
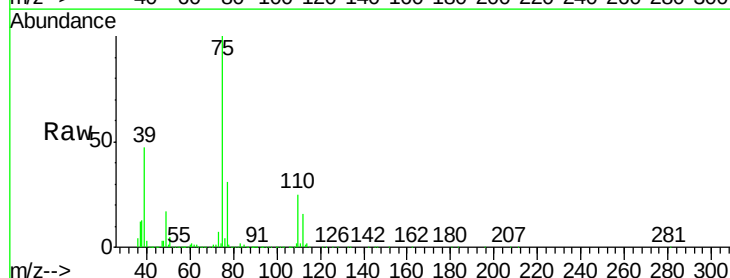
Tgt Ion: 75 Resp: 397907

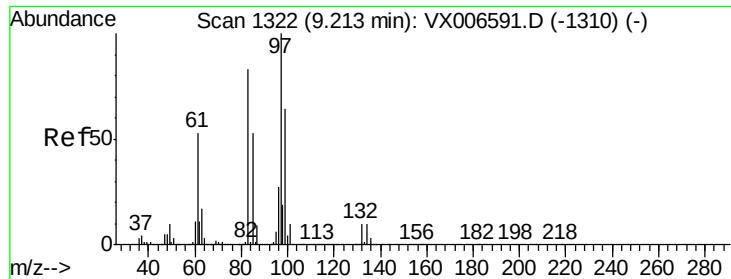
Ion Ratio Lower Upper

75 100

77 30.8 26.2 39.2

39 46.6 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 52.753 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

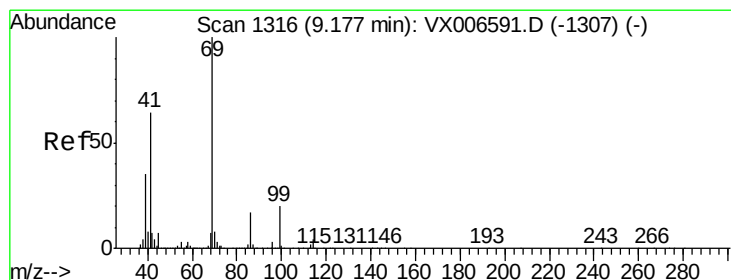
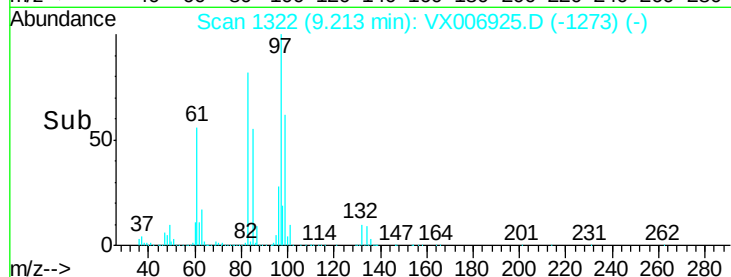
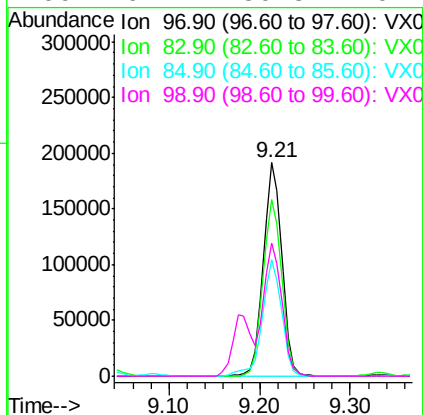
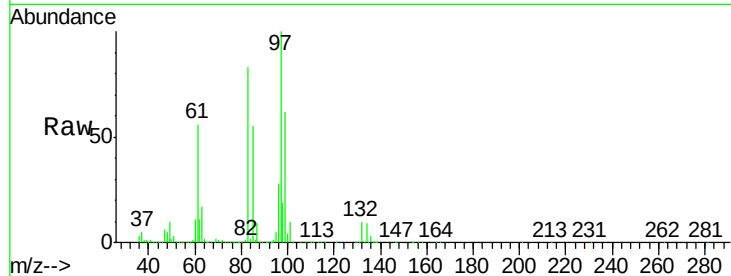
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		271260		
83	82.6	66.6	99.8		
85	54.7	42.7	64.1		
99	62.1	50.8	76.2		

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#56

Ethyl methacrylate

Concen: 55.466 ug/l

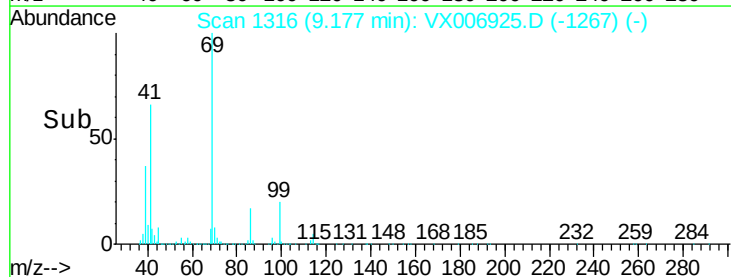
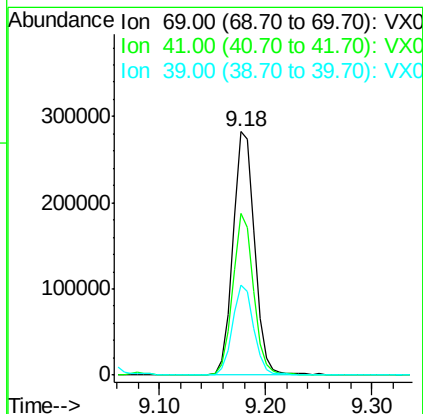
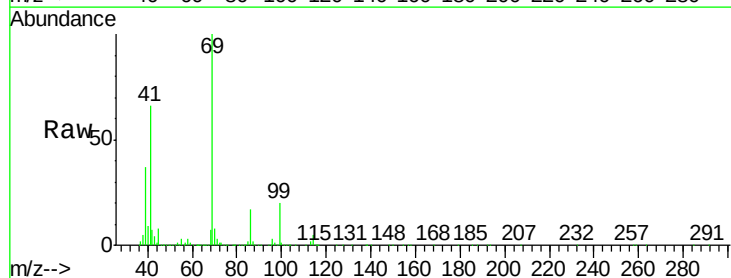
RT: 9.18 min Scan# 1316

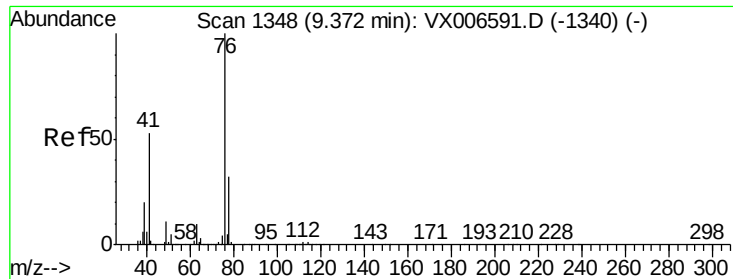
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		403107		
41	63.7	48.7	73.1		
39	36.4	27.0	40.6		





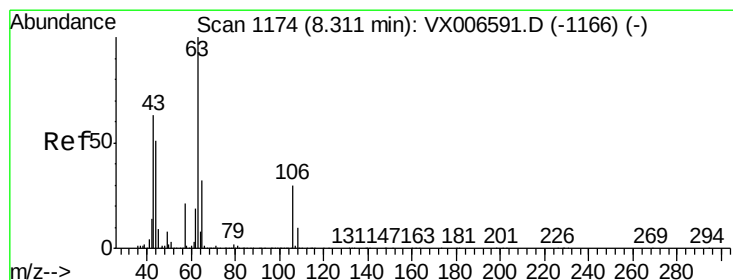
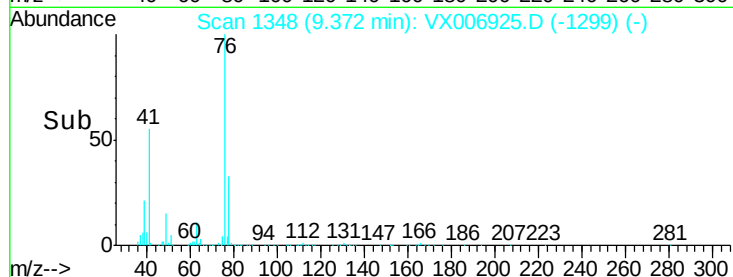
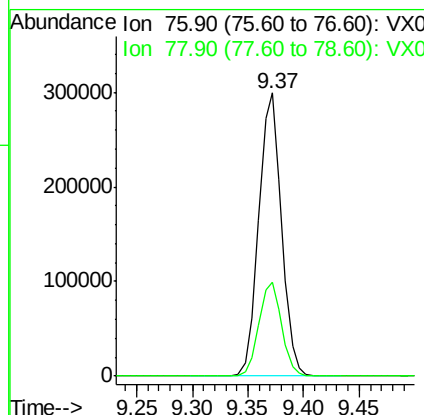
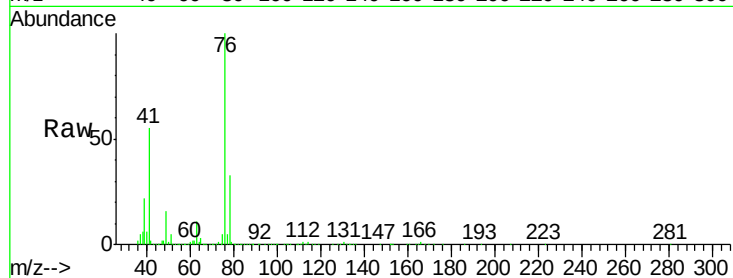
#57
 1,3-Dichloropropane
 Concen: 51.651 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
76	100		
78	33.3	26.0	39.0

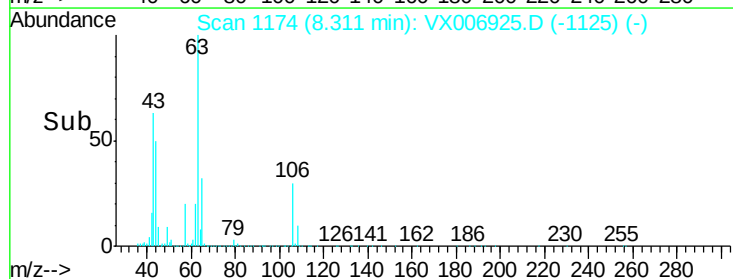
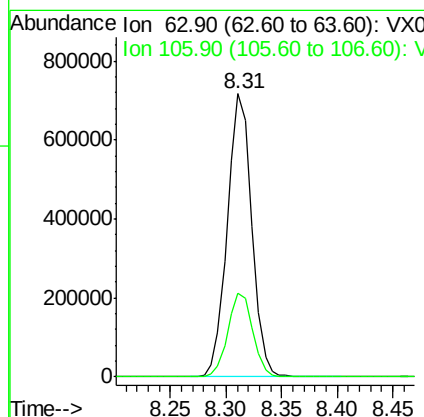
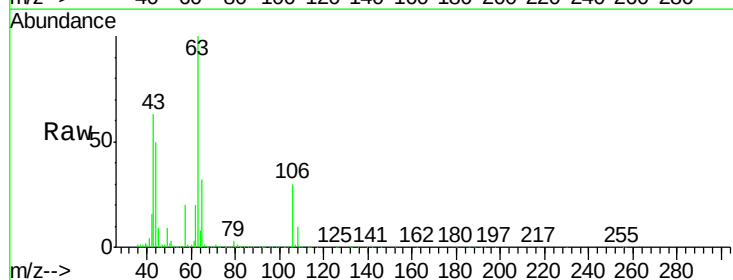
Manual Integrations
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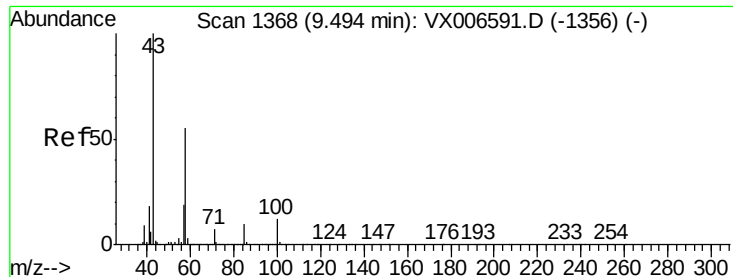
MMDadoda
 1/8/2019 9:33:28 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 282.292 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
63	100		
106	30.2	24.6	36.8





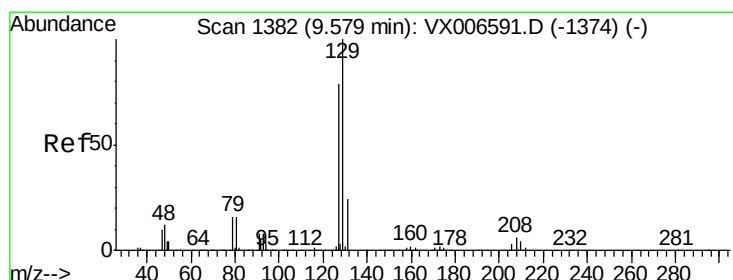
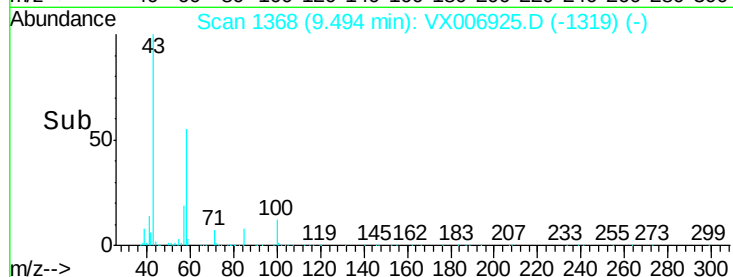
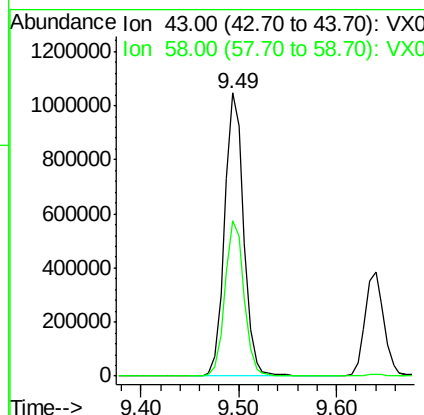
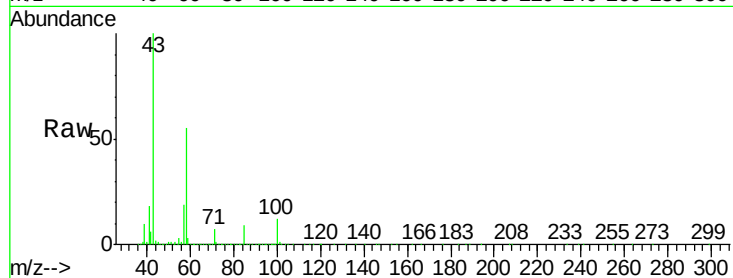
#59
2-Hexanone
Concen: 285.986 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1410473
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1

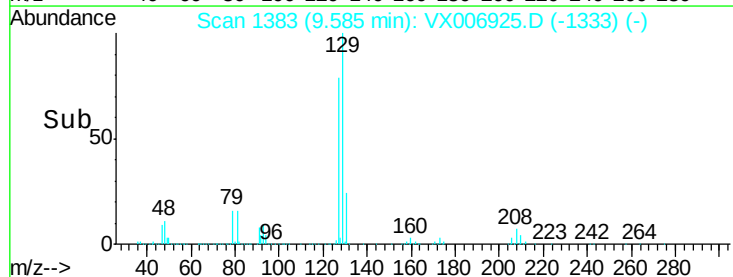
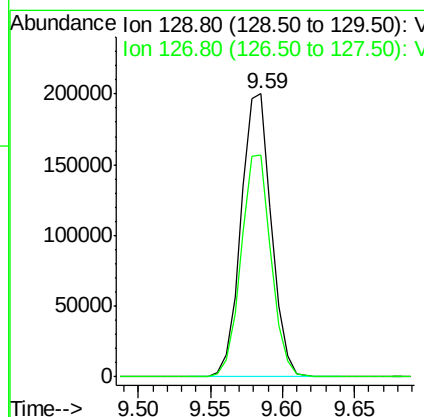
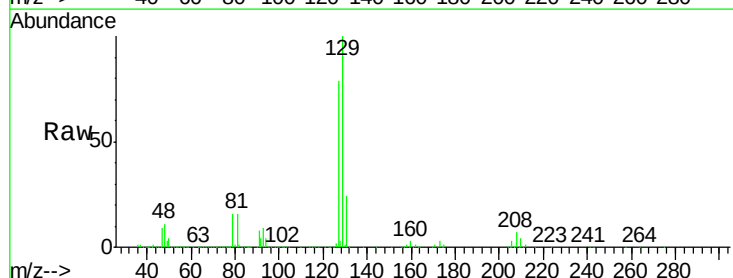
Manual Integrations
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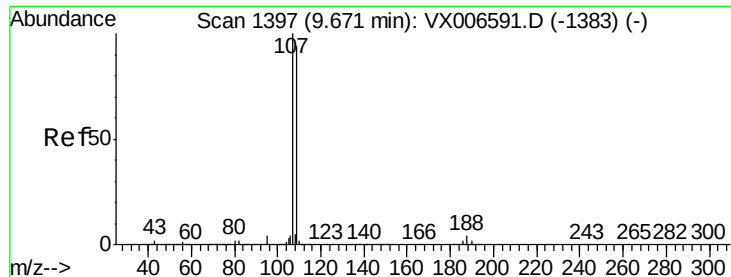
MMDadoda
1/8/2019 9:33:28 AM



#60
Dibromochloromethane
Concen: 53.946 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion: 129 Resp: 291158
Ion Ratio Lower Upper
129 100
127 77.9 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.386 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 286350

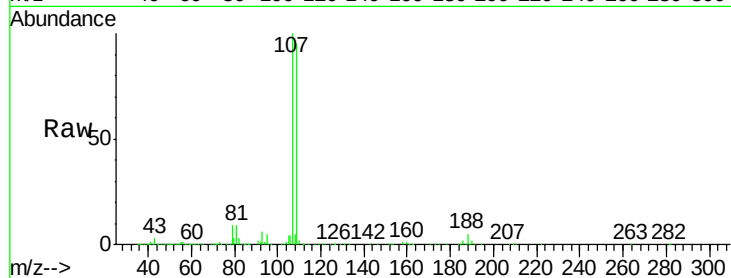
Ion Ratio Lower Upper

107 100

109 95.2 75.8 113.6

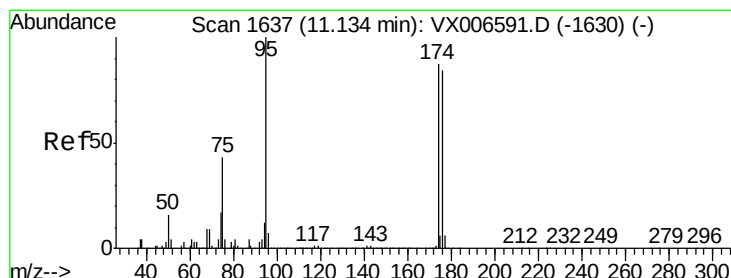
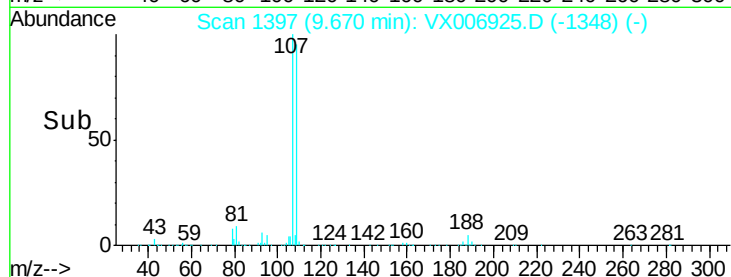
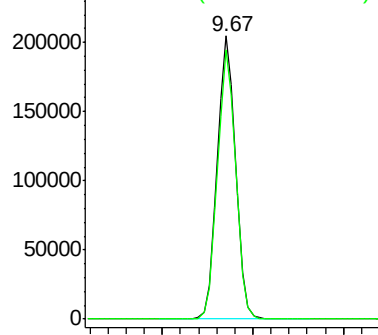
Manual Integrations
APPROVED

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Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.776 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

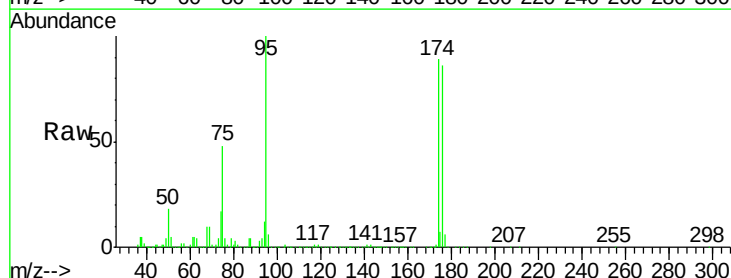
Tgt Ion: 95 Resp: 349188

Ion Ratio Lower Upper

95 100

174 95.8 0.0 182.2

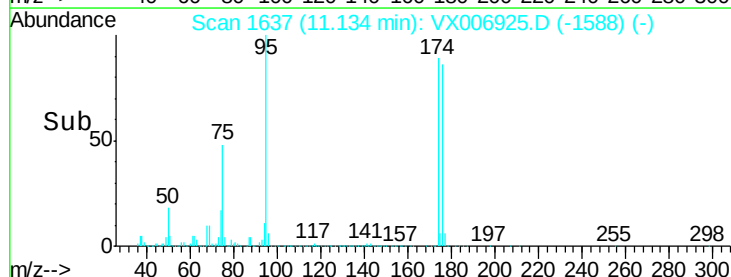
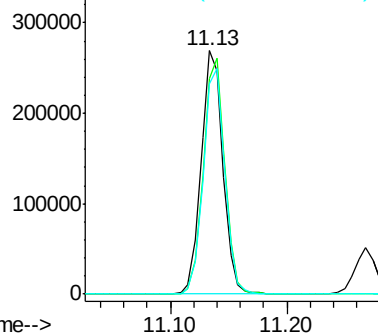
176 92.3 0.0 178.8

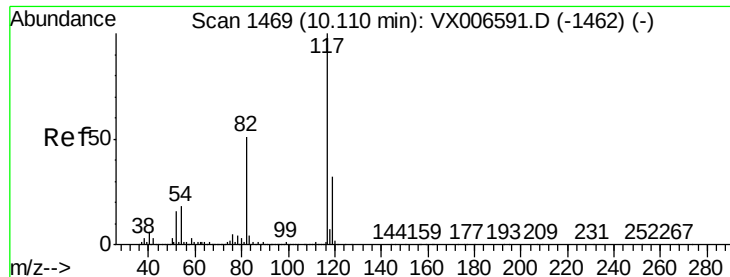


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





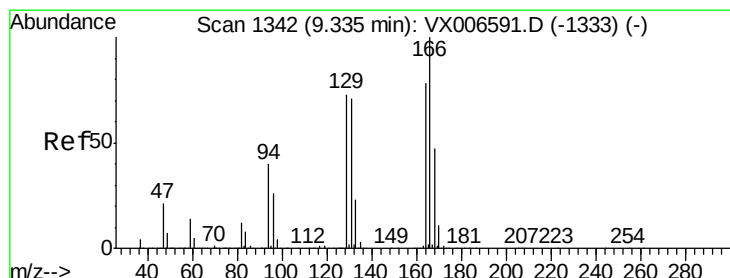
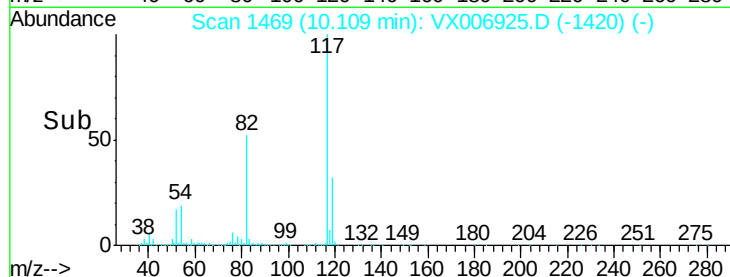
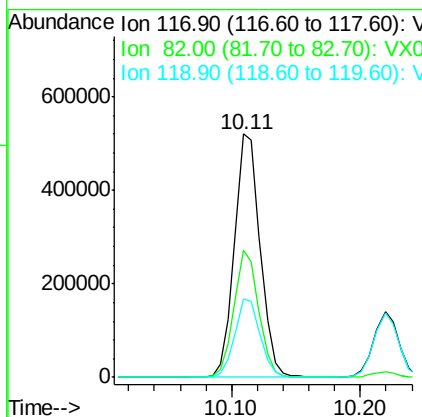
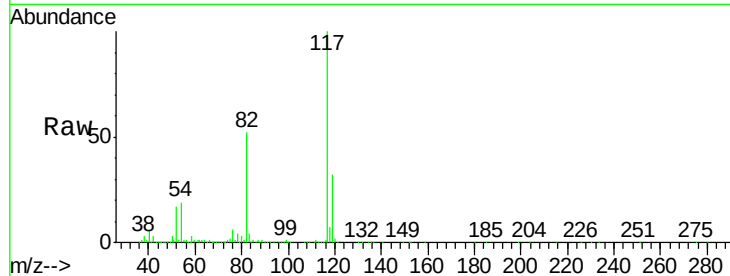
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	52.4	41.0	61.6
119	32.4	25.4	38.0

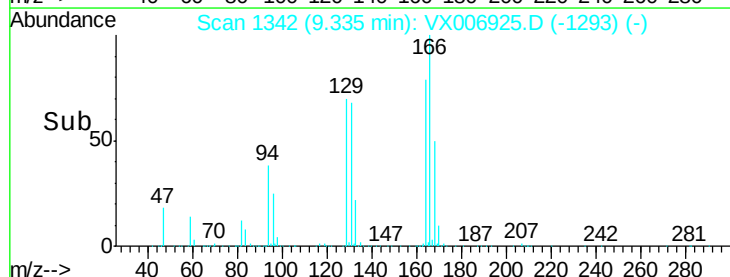
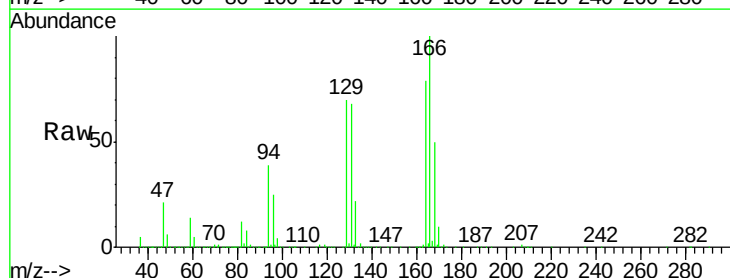
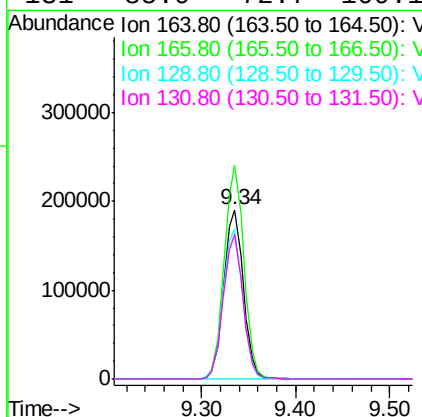
Manual Integrations
APPROVED

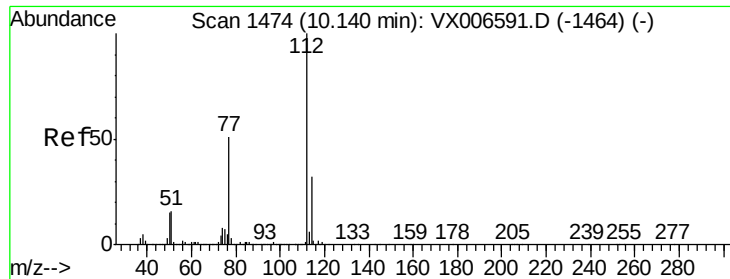
MMDadoda
1/8/2019 9:33:28 AM



#64
Tetrachloroethene
Concen: 47.702 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.4	102.5	153.7
129	88.8	75.1	112.7
131	85.9	72.7	109.1





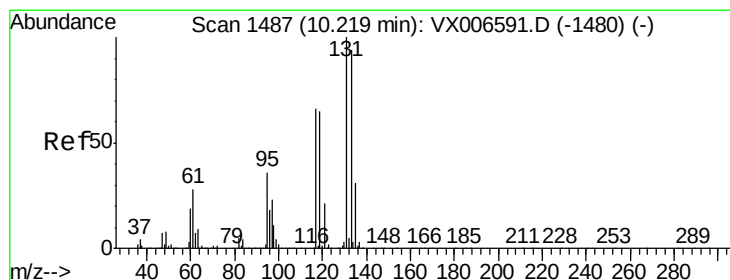
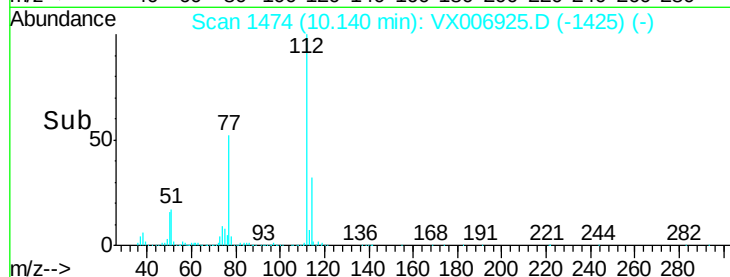
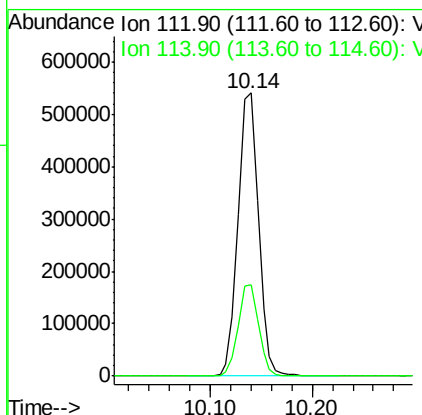
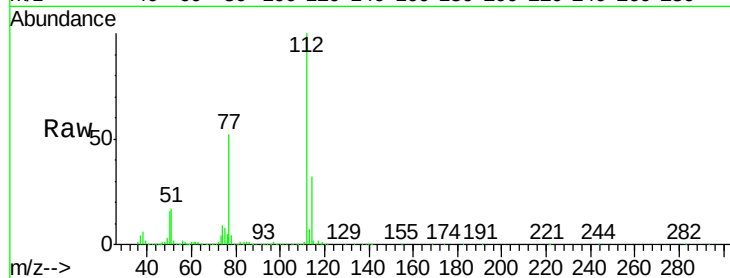
#65
Chlorobenzene
Concen: 48.766 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.2	25.7	38.5

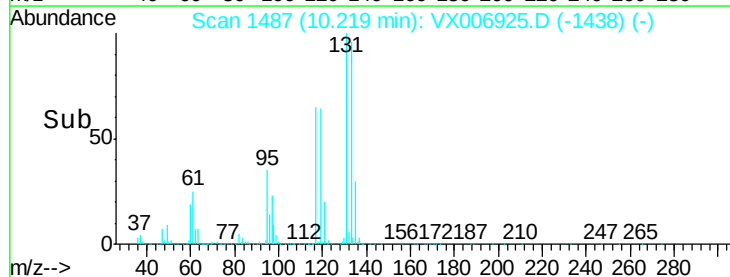
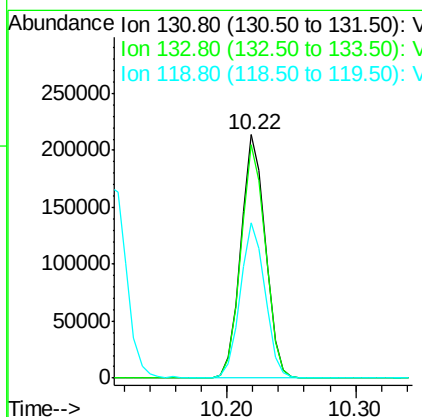
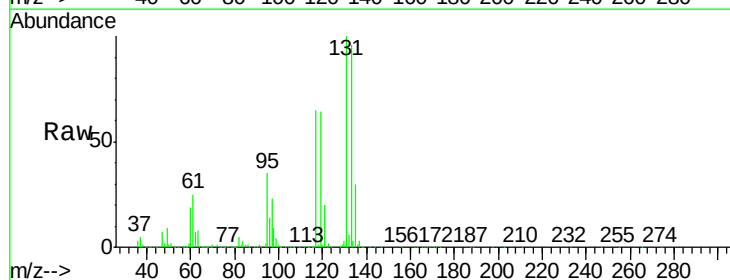
Manual Integrations
APPROVED

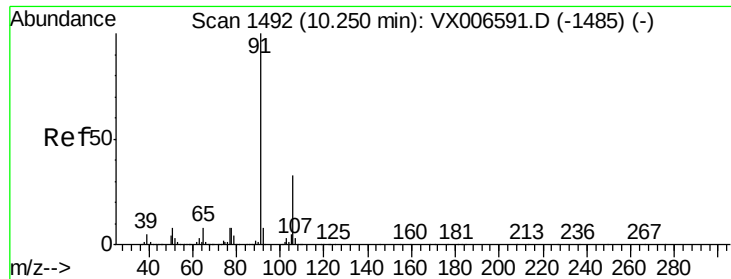
MMDadoda
1/8/2019 9:33:28 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 58.478 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
131	100		
133	96.2	48.0	144.2
119	64.2	32.6	97.8





#67

Ethyl Benzene

Concen: 49.625 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1248018

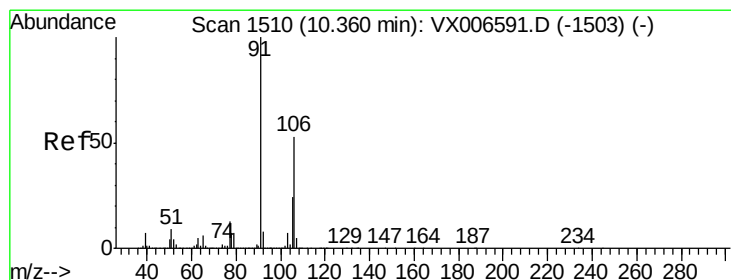
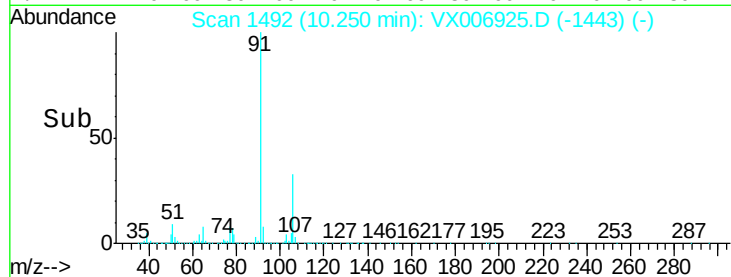
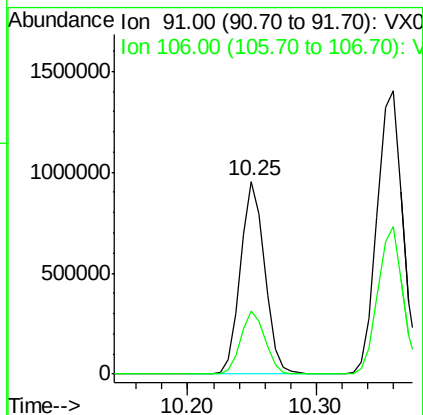
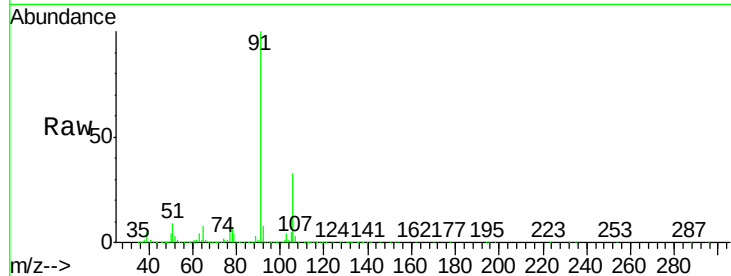
Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6

Manual Integrations
APPROVED

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#68

m/p-Xylenes

Concen: 99.379 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006925.D

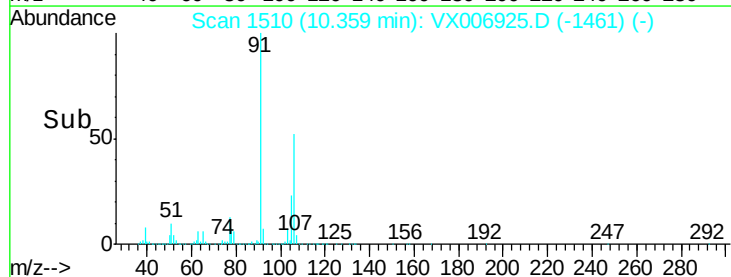
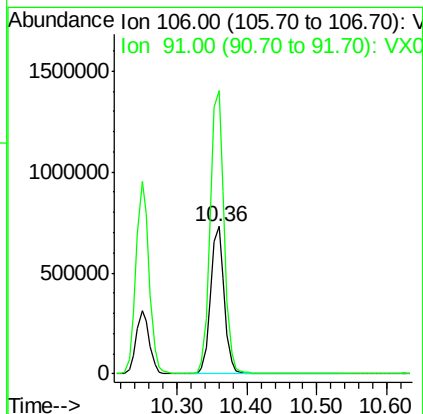
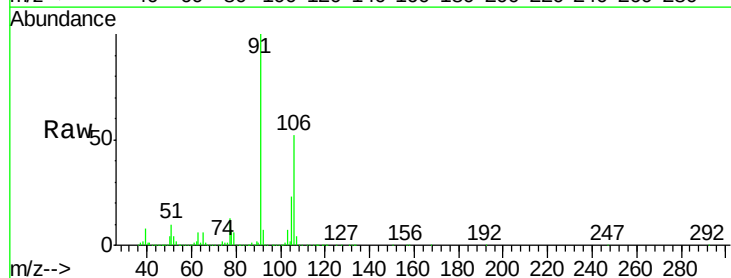
Acq: 07 Jan 2019 10:18

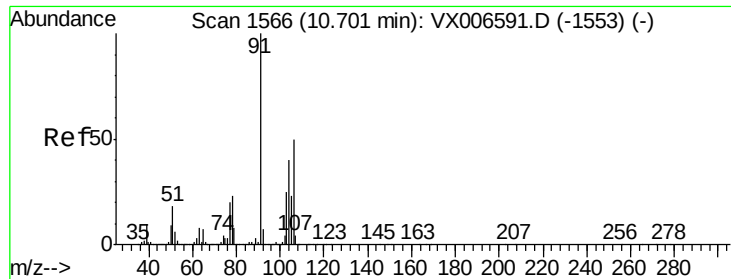
Tgt Ion: 106 Resp: 986204

Ion Ratio Lower Upper

106 100

91 196.6 155.8 233.6





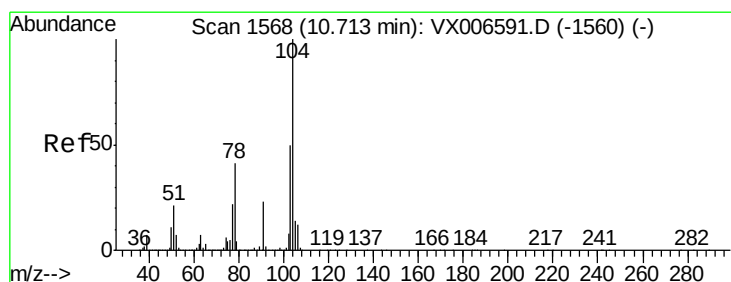
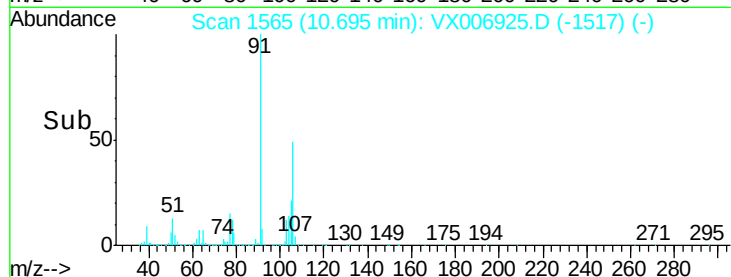
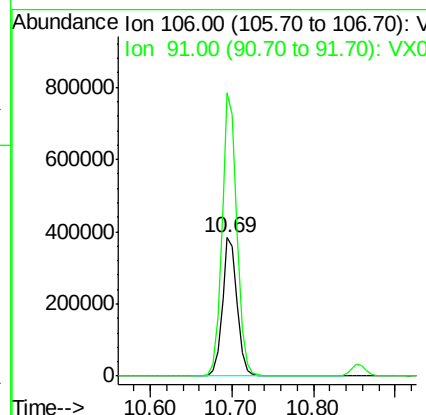
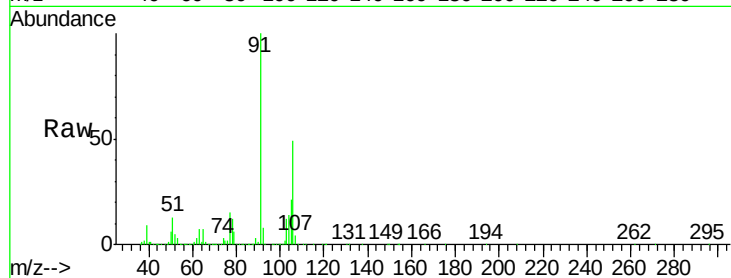
#69
o-Xylene
Concen: 49.971 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	206.5	101.3	303.7

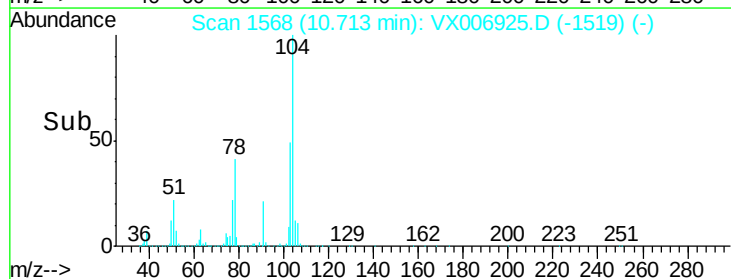
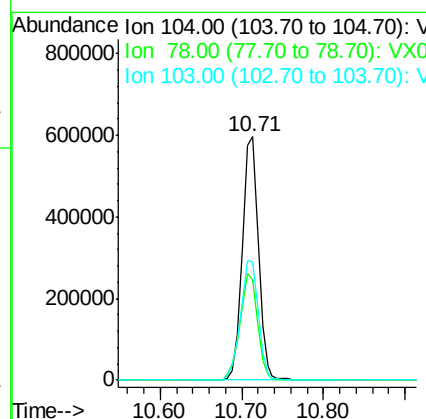
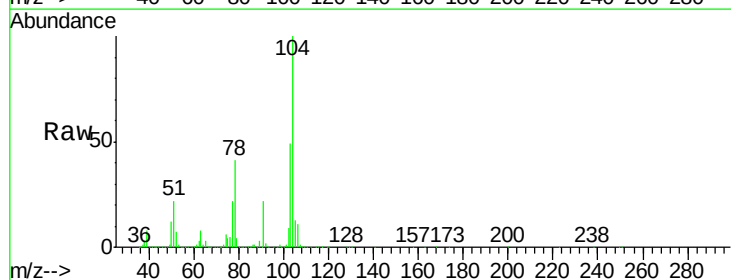
Manual Integrations
APPROVED

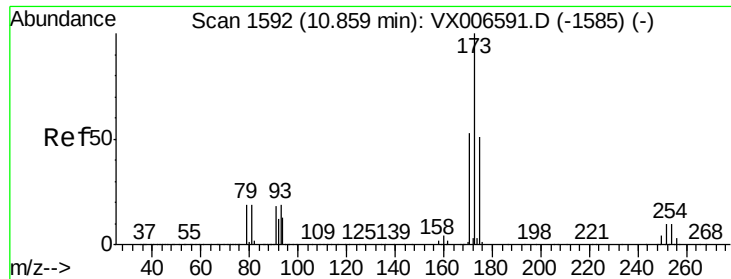
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#70
Styrene
Concen: 51.892 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006925.D
Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.7	56.5
103	54.9	43.8	65.8





#71

Bromoform

Concen: 52.084 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:173 Resp: 226471

Ion Ratio Lower Upper

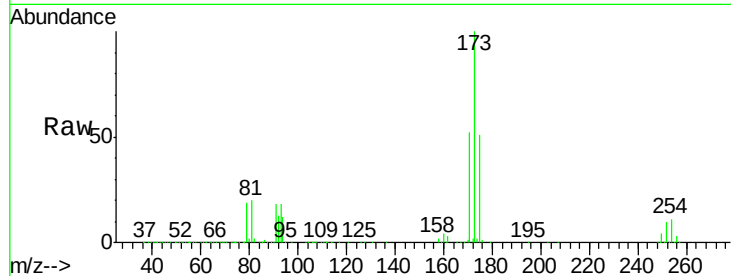
173 100

175 50.2 24.7 74.1

254 0.2 0.2 0.2

Manual Integrations
APPROVED

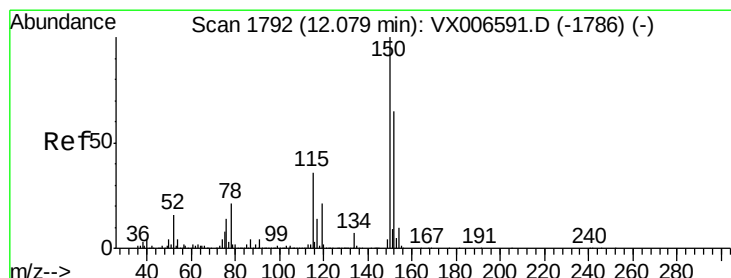
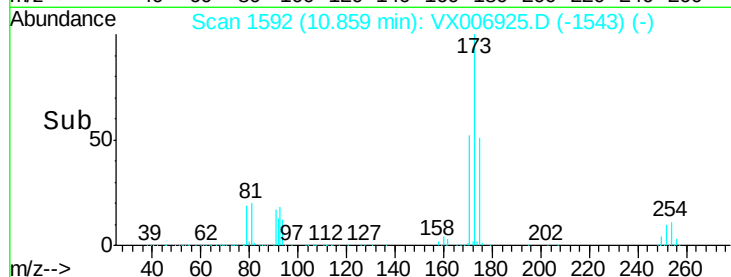
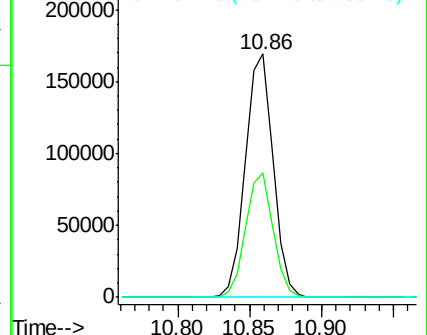
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Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

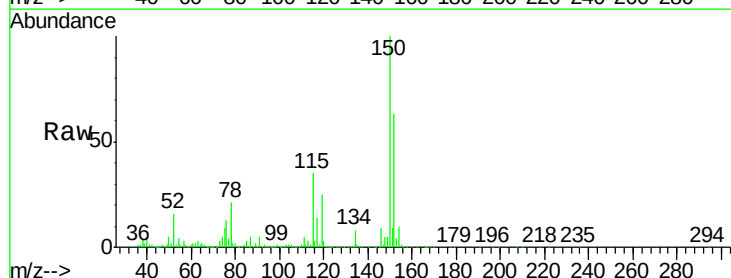
Tgt Ion:152 Resp: 388688

Ion Ratio Lower Upper

152 100

115 77.7 39.1 117.2

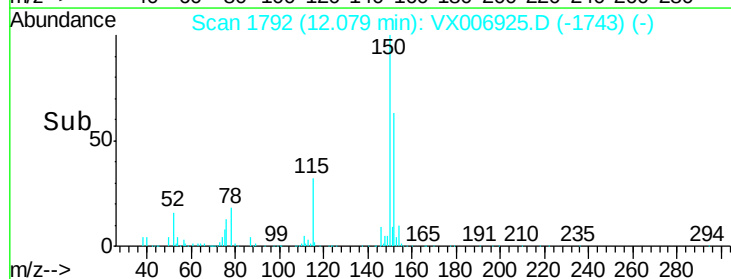
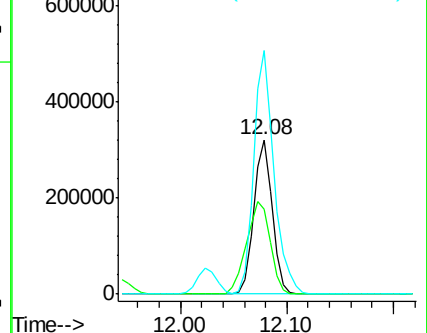
150 173.7 0.0 344.8

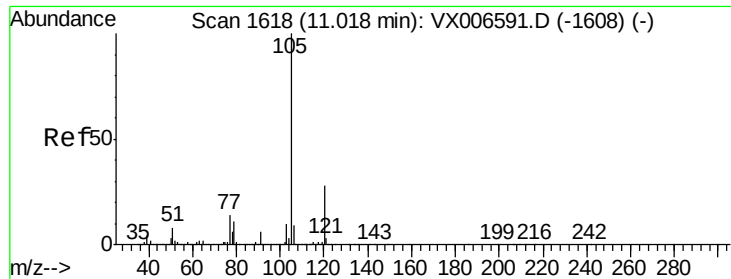


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 49.207 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1308470

Ion Ratio Lower Upper

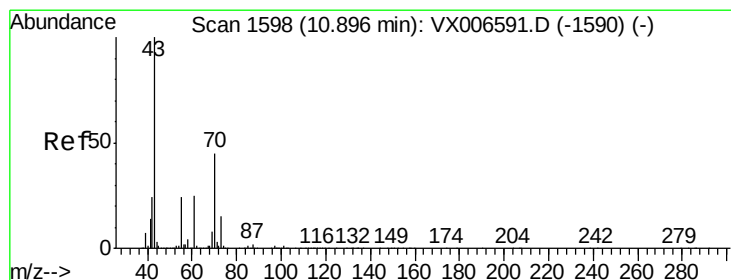
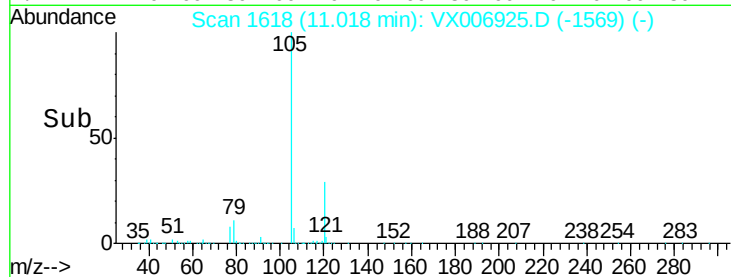
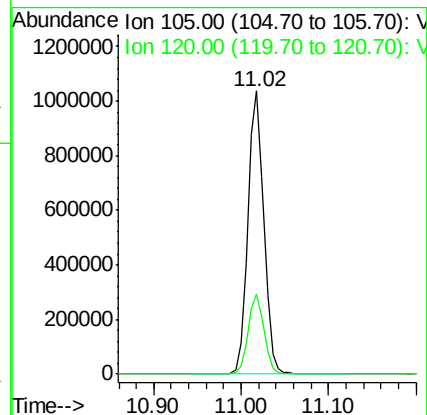
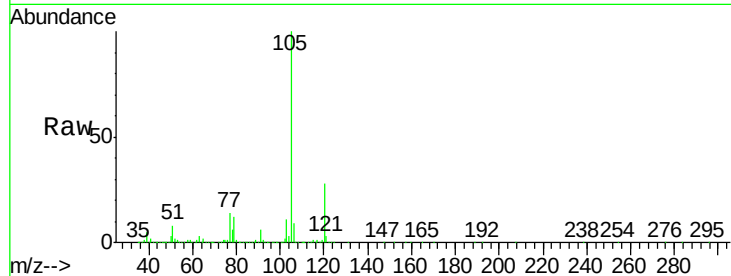
105 100

120 28.1 14.1 42.4

Manual Integrations
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#74

N-ethyl acetate

Concen: 54.705 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion: 43 Resp: 520686

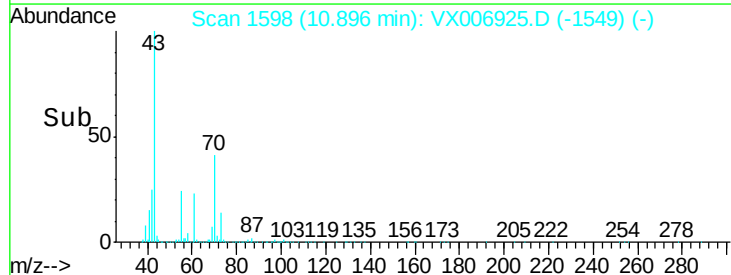
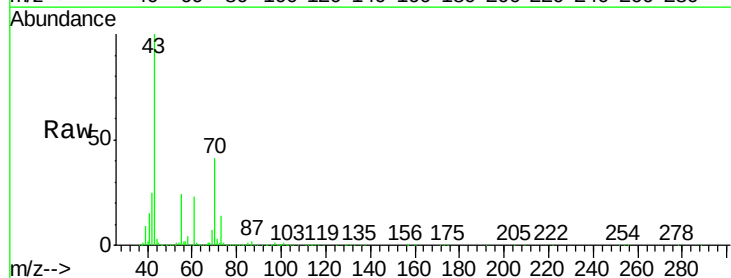
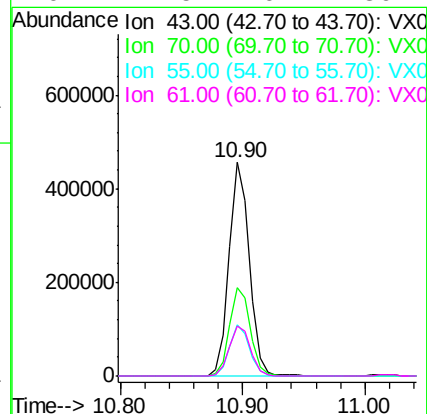
Ion Ratio Lower Upper

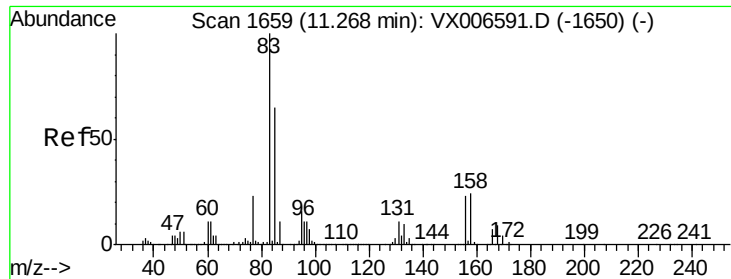
43 100

70 42.7 35.8 53.8

55 24.0 19.4 29.0

61 24.5 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 51.338 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 405988

Ion Ratio Lower Upper

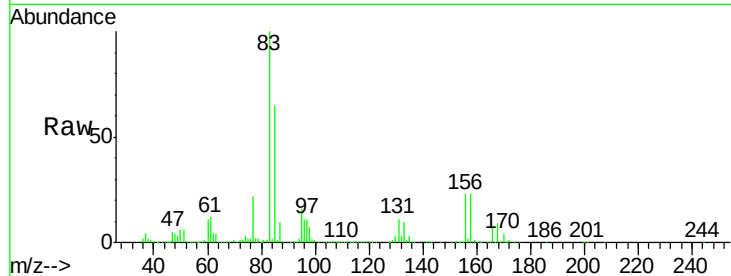
83 100

131 11.3 5.7 17.1

85 64.9 32.2 96.6

Manual Integrations
APPROVED

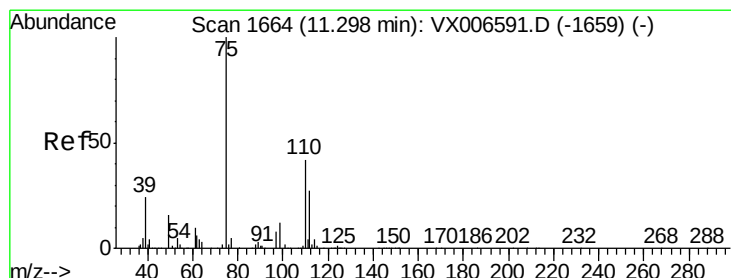
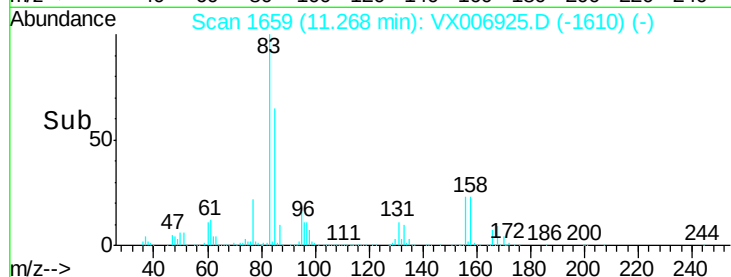
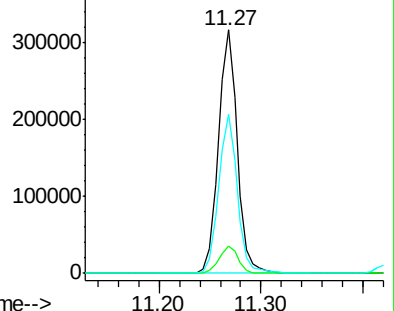
MMDadoda
1/8/2019 9:33:28 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 53.575 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006925.D

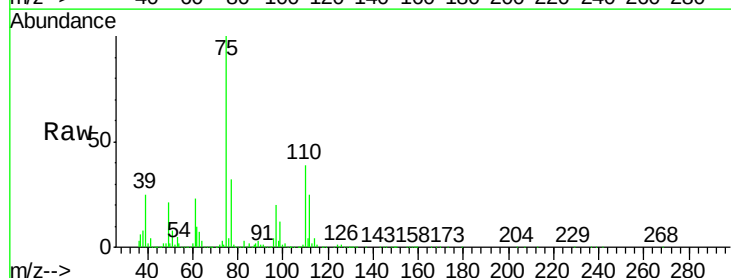
Acq: 07 Jan 2019 10:18

Tgt Ion: 75 Resp: 386995

Ion Ratio Lower Upper

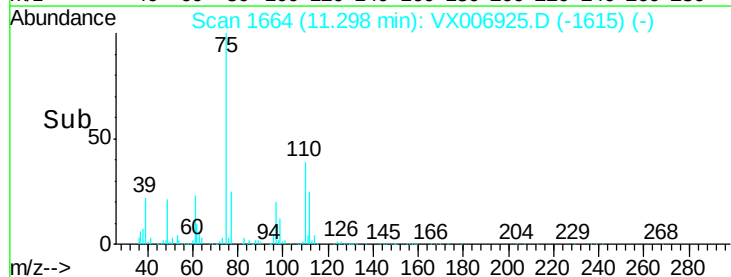
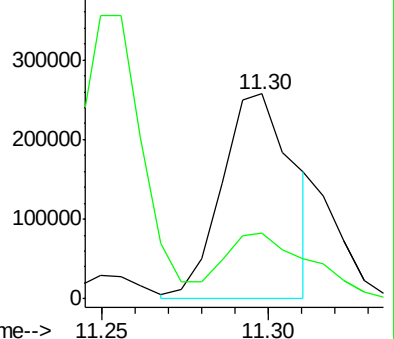
75 100

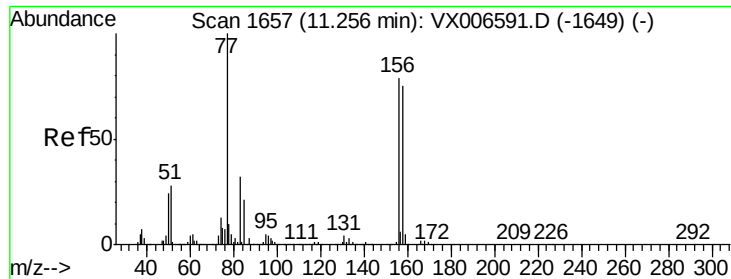
77 37.5 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 49.364 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

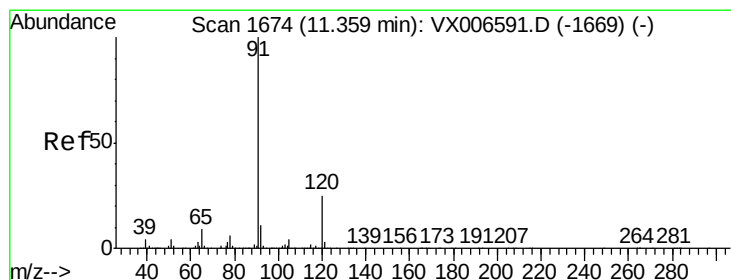
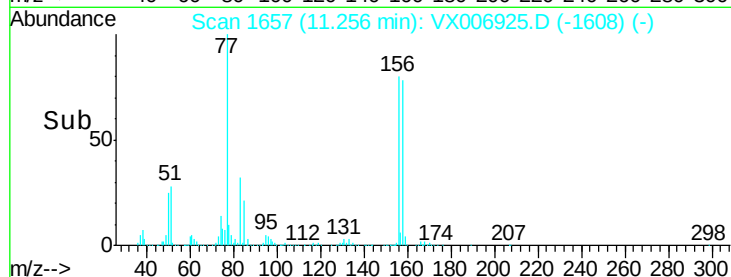
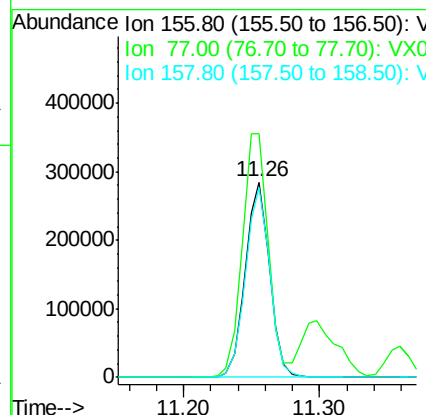
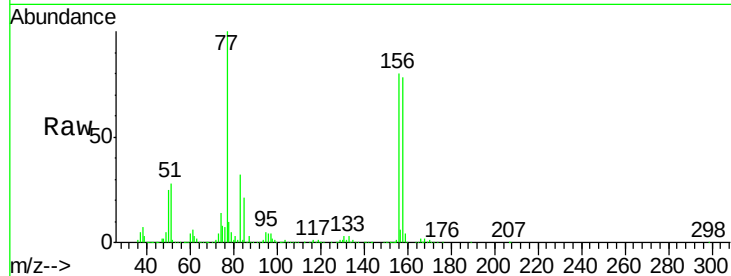
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	132.1	68.0	204.0
158	97.4	48.3	144.8

Manual Integrations
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#78

n-propylbenzene

Concen: 50.498 ug/l

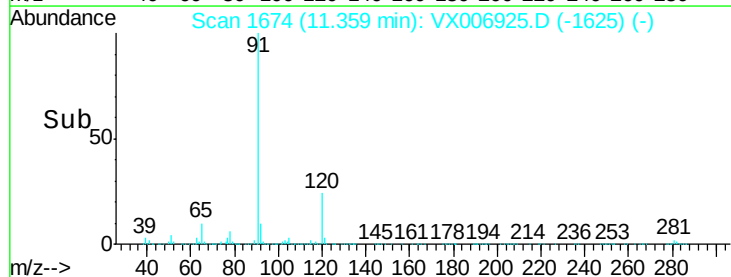
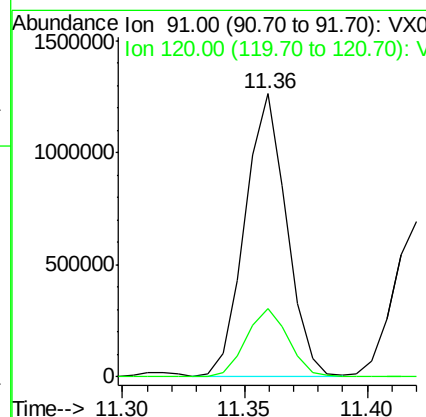
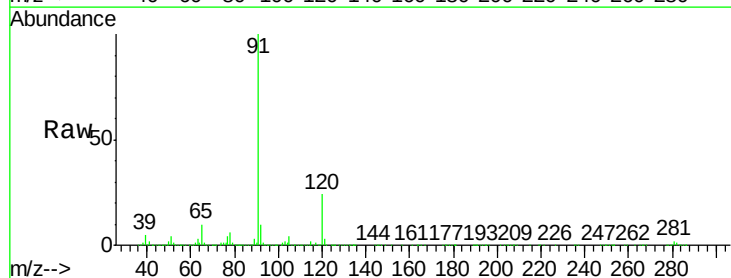
RT: 11.36 min Scan# 1674

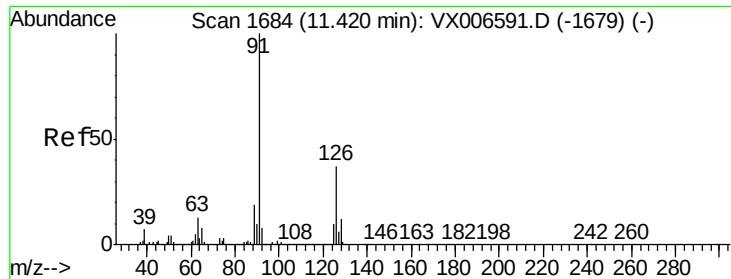
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.7	38.0





#79

2-Chlorotoluene

Concen: 48.216 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 855593

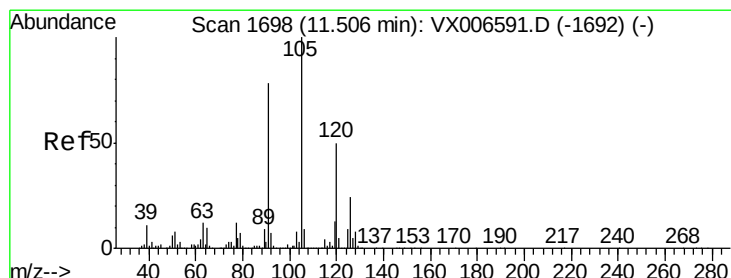
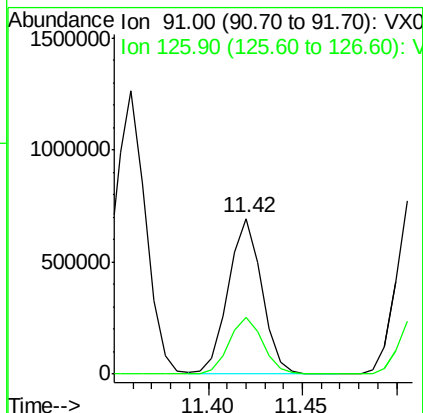
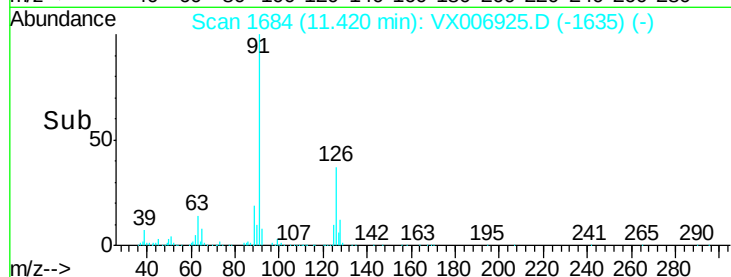
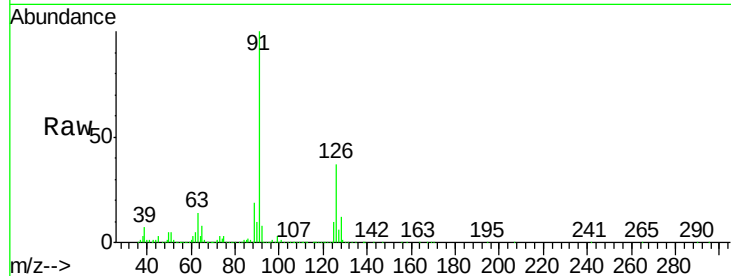
Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0

Manual Integrations
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#80

1,3,5-Trimethylbenzene

Concen: 49.803 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006925.D

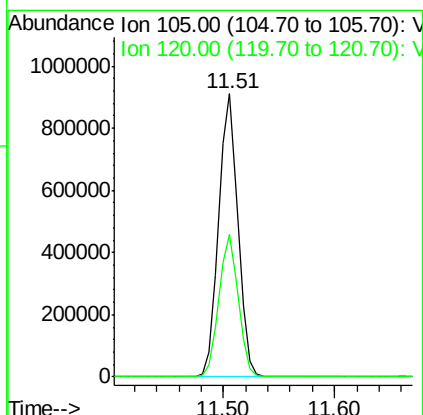
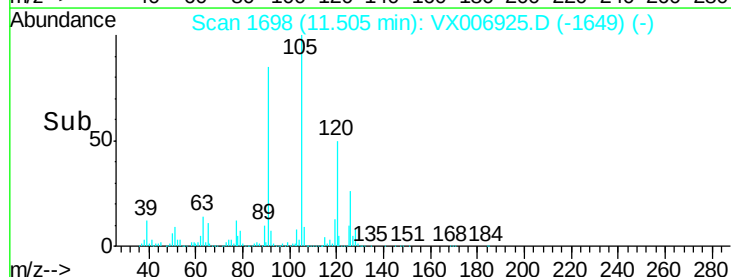
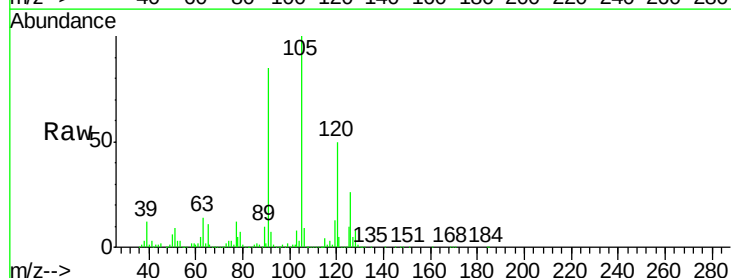
Acq: 07 Jan 2019 10:18

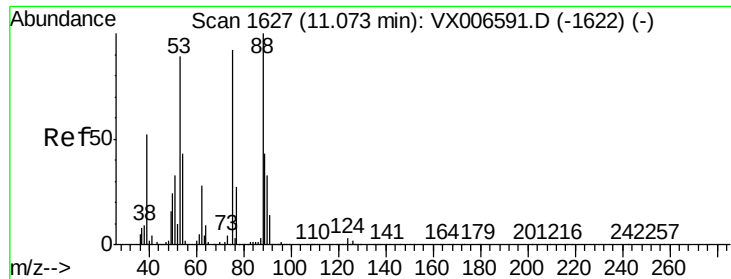
Tgt Ion: 105 Resp: 1090794

Ion Ratio Lower Upper

105 100

120 50.2 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 51.391 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

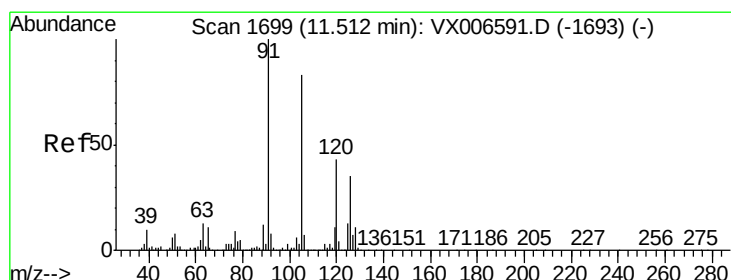
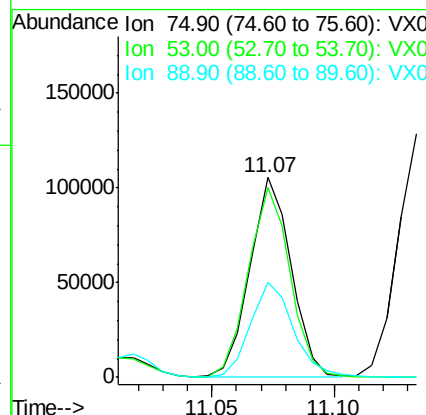
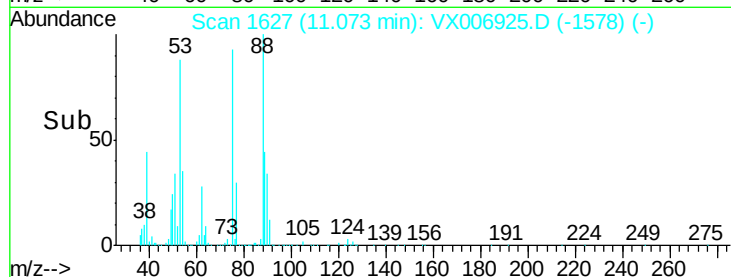
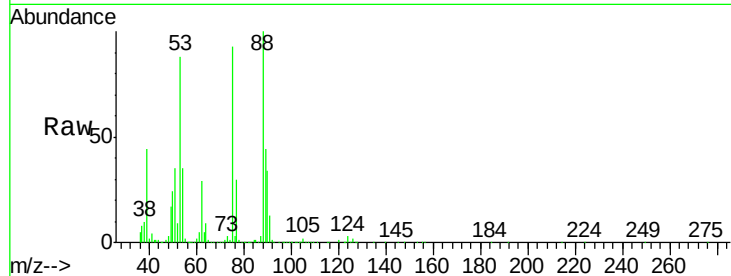
ClientSampleId :

VSTDCCC050

Tot Ion:	75	Resp:	122285
Ion	Ratio	Lower	Upper
75	100		
53	97.2	79.7	119.5
89	49.8	38.0	57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 49.697 ug/l

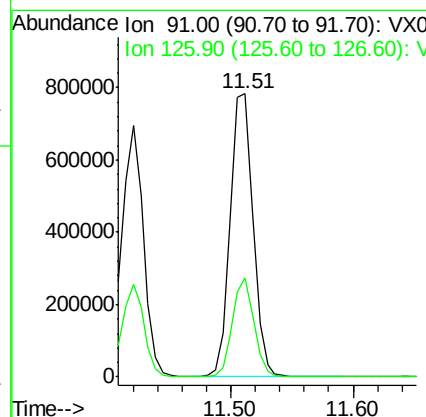
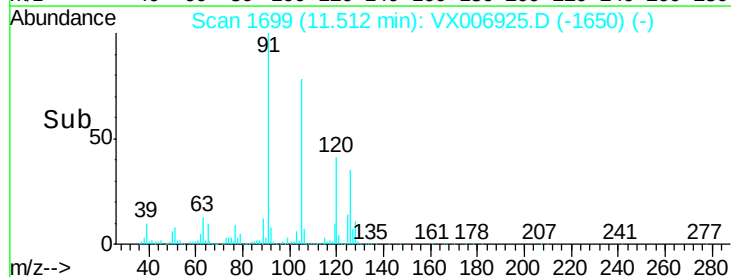
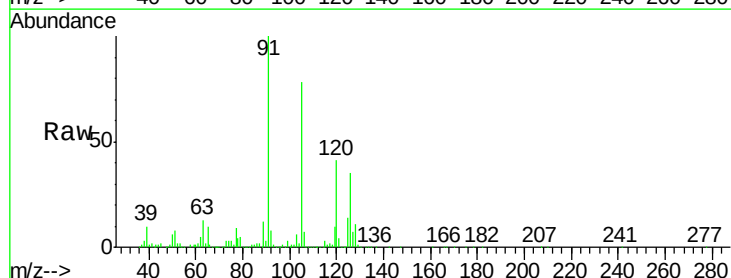
RT: 11.51 min Scan# 1699

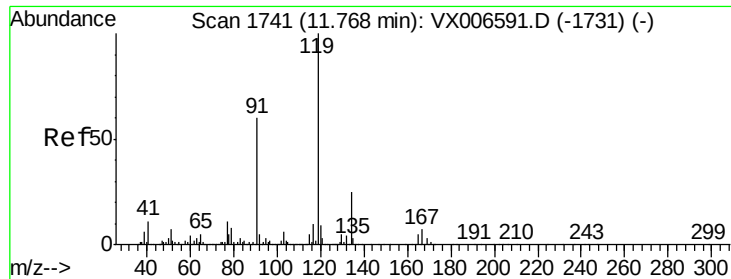
Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	91	Resp:	1011576
Ion	Ratio	Lower	Upper
91	100		
126	32.6	16.3	48.9





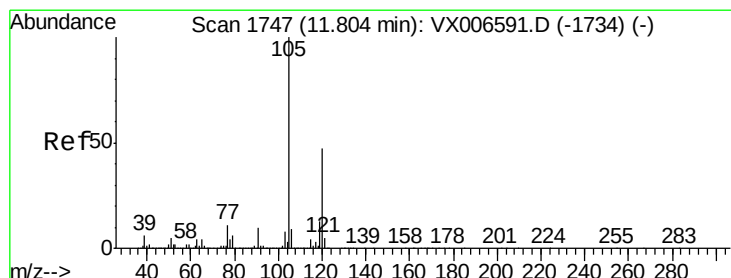
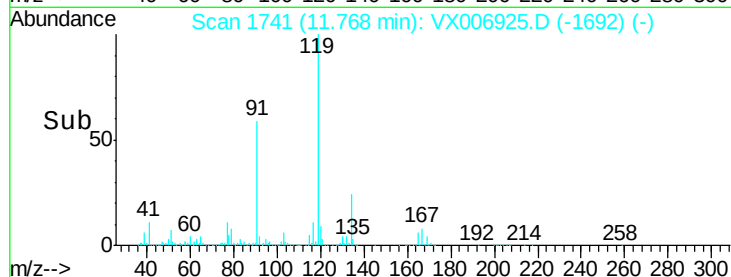
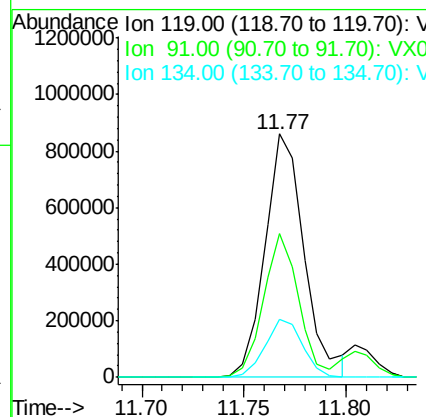
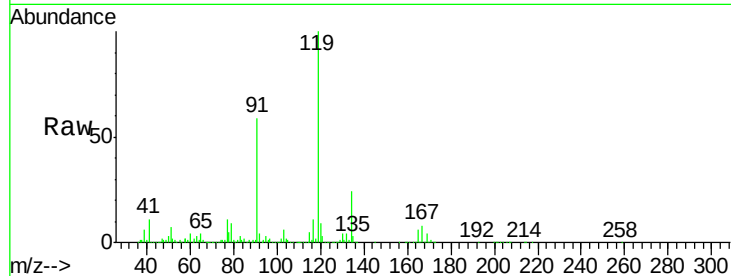
#83
 tert-Butylbenzene
 Concen: 52.507 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:119 Resp: 1150973
 Ion Ratio Lower Upper
 119 100
 91 53.4 27.7 83.1
 134 23.0 11.9 35.5

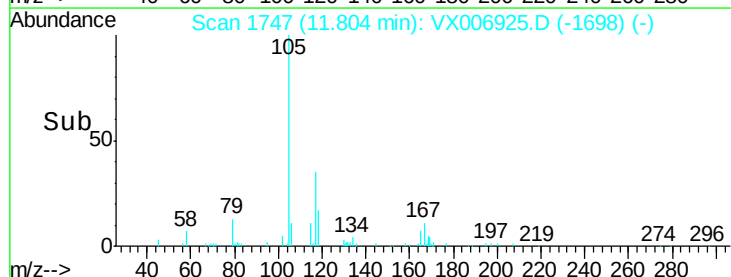
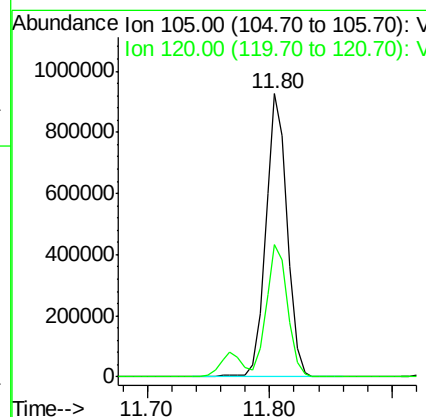
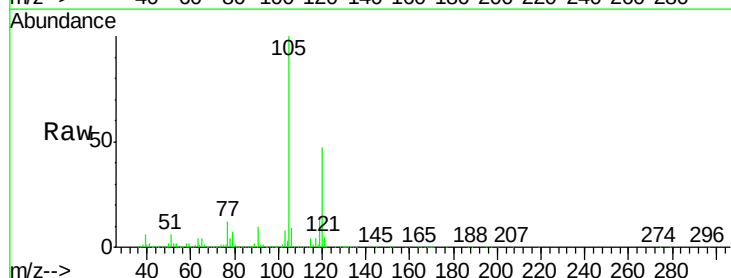
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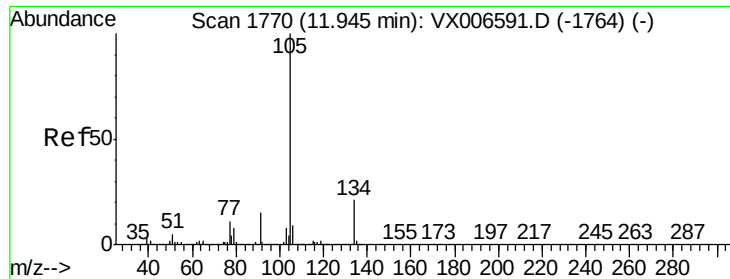
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#84
 1,2,4-Trimethylbenzene
 Concen: 48.606 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion:105 Resp: 1119751
 Ion Ratio Lower Upper
 105 100
 120 46.2 23.2 69.6





#85

sec-Butylbenzene

Concen: 49.988 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1343462

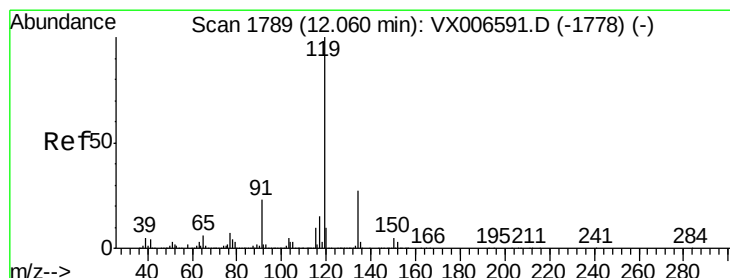
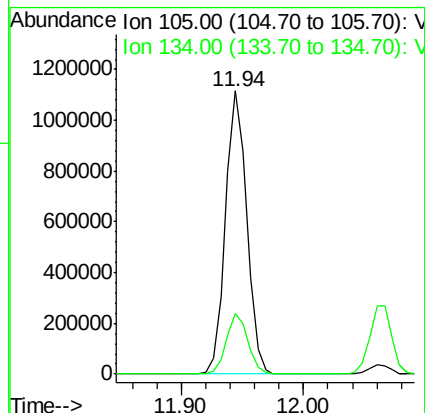
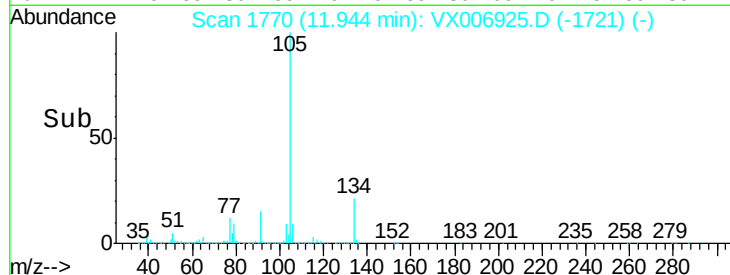
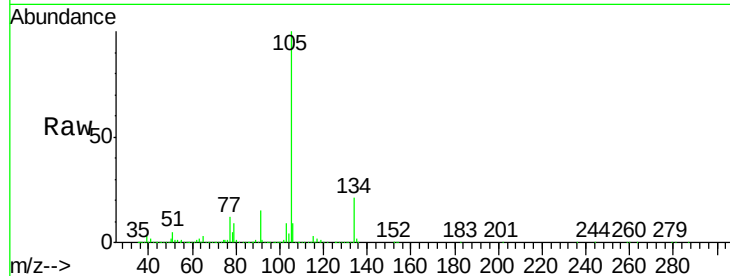
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 51.451 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

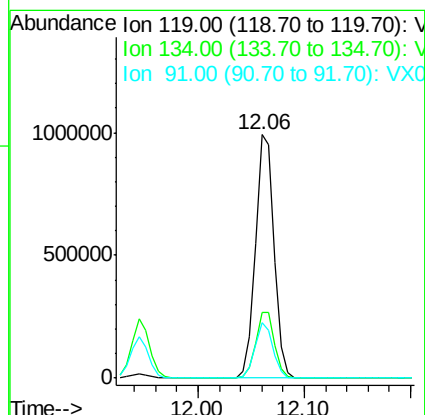
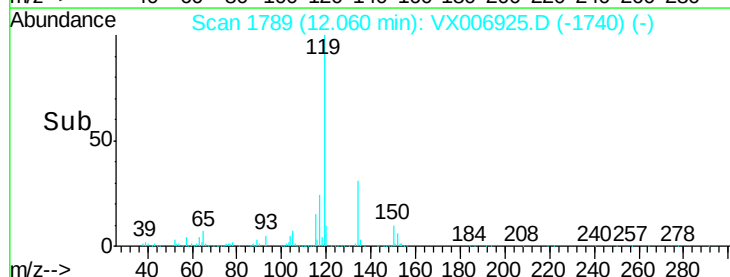
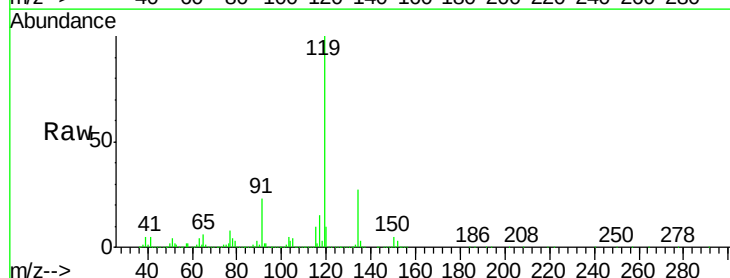
Tgt Ion:119 Resp: 1215533

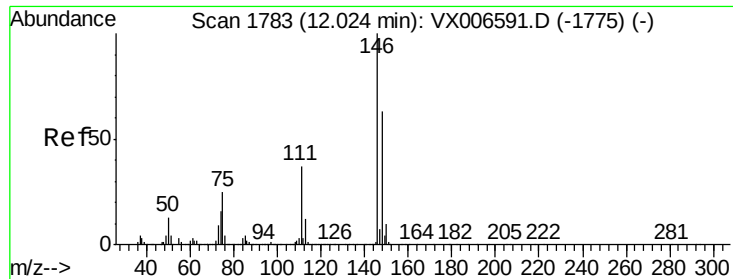
Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.0 11.3 33.9





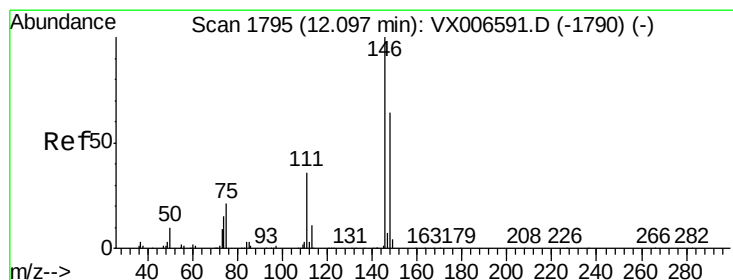
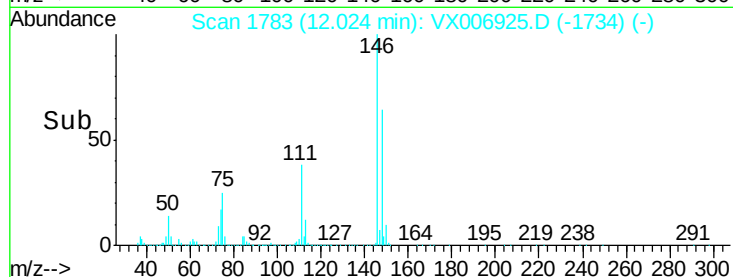
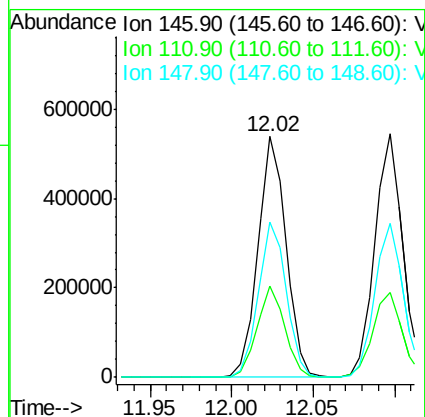
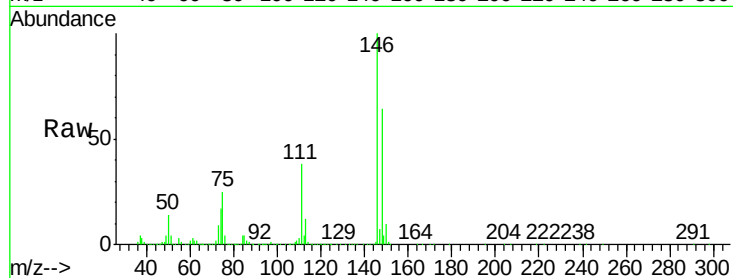
#87
 1,3-Dichlorobenzene
 Concen: 49.868 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.6	55.8
148	64.5	31.8	95.3

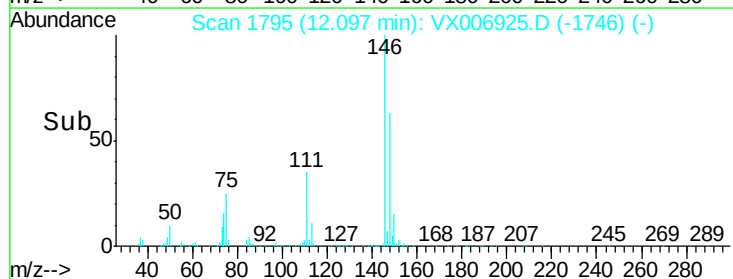
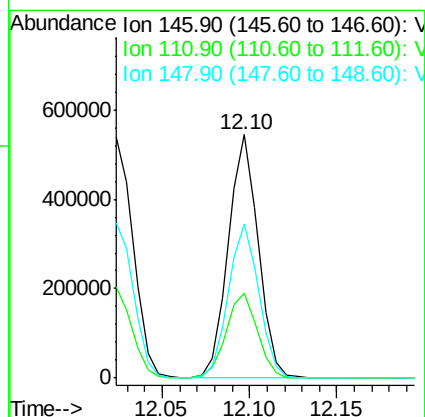
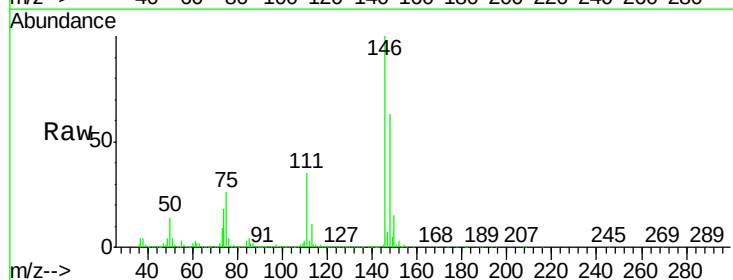
Manual Integrations
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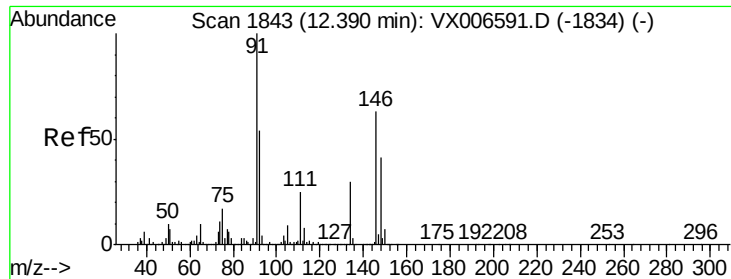
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#88
 1,4-Dichlorobenzene
 Concen: 48.816 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.1
148	64.5	31.9	95.9





#89

n-Butylbenzene

Concen: 52.197 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

Tot Ion: 91 Resp: 1049473

Ion Ratio Lower Upper

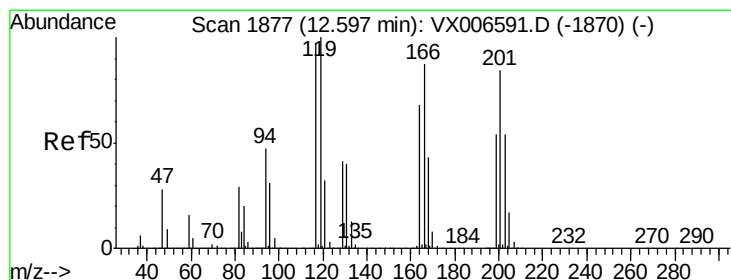
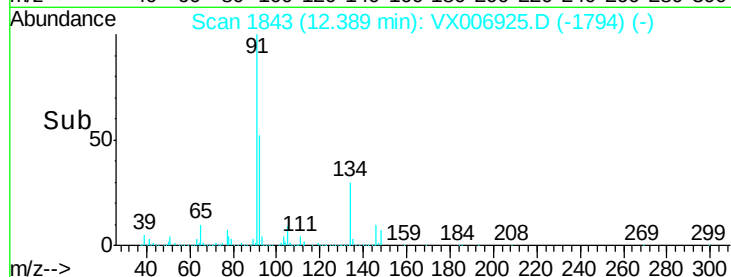
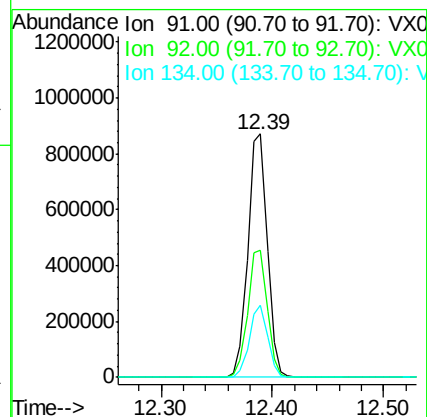
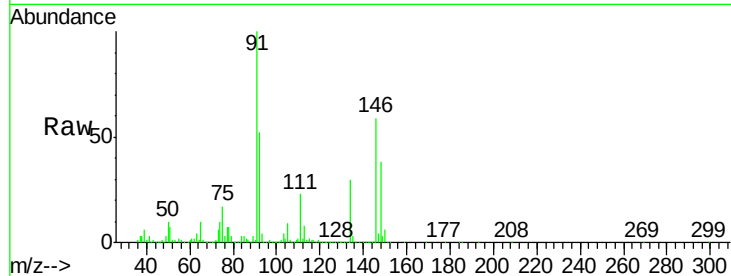
91 100

92 52.6 26.8 80.4

134 28.2 14.4 43.2

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#90

Hexachloroethane

Concen: 51.450 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006925.D

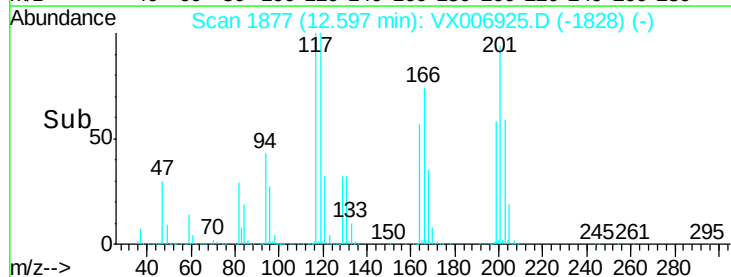
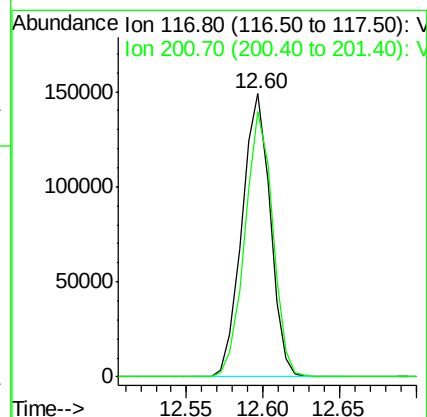
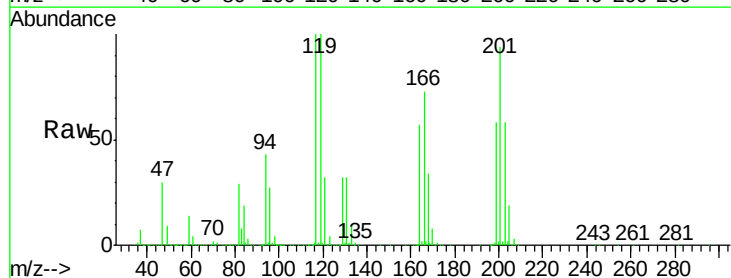
Acq: 07 Jan 2019 10:18

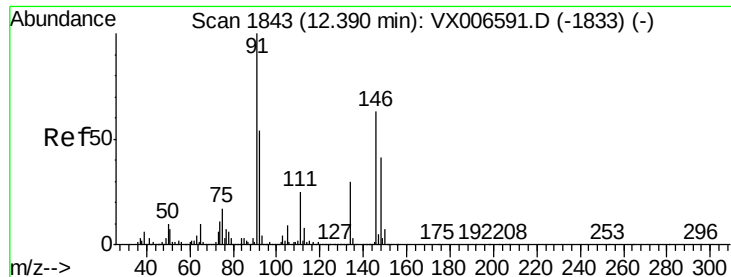
Tgt Ion: 117 Resp: 190610

Ion Ratio Lower Upper

117 100

201 92.2 42.9 128.7





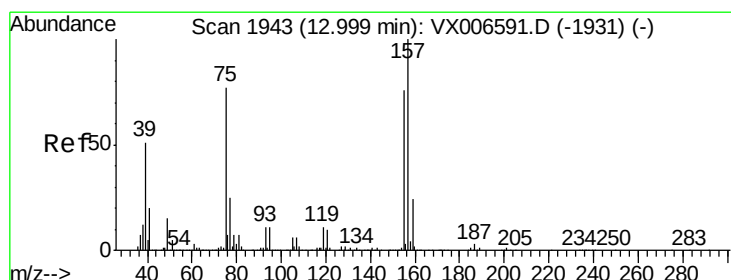
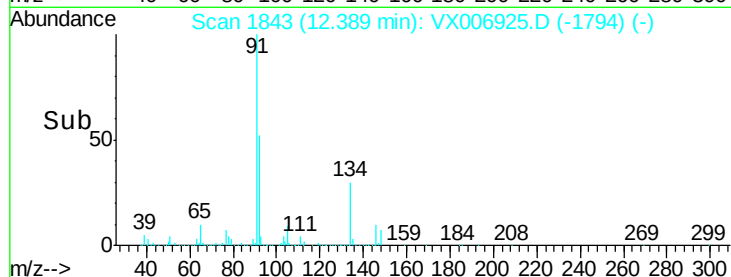
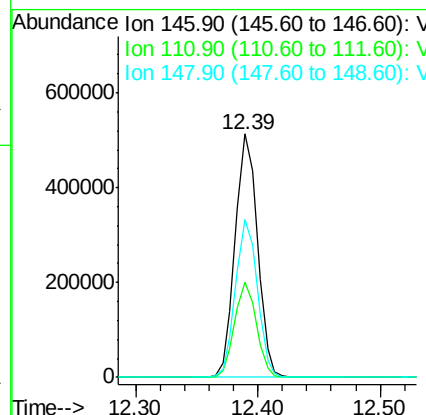
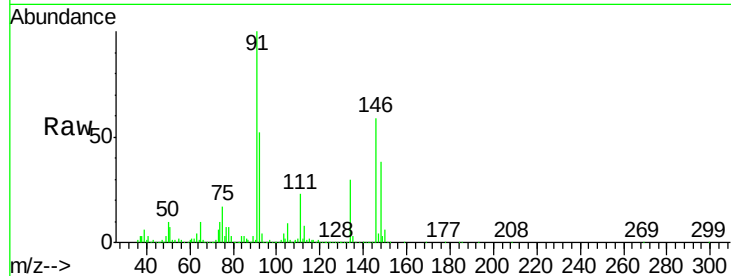
#91
 1,2-Dichlorobenzene
 Concen: 49.767 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.2	19.4	58.2
148	63.9	32.3	96.9

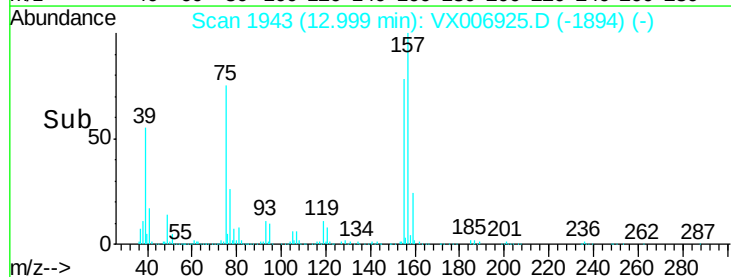
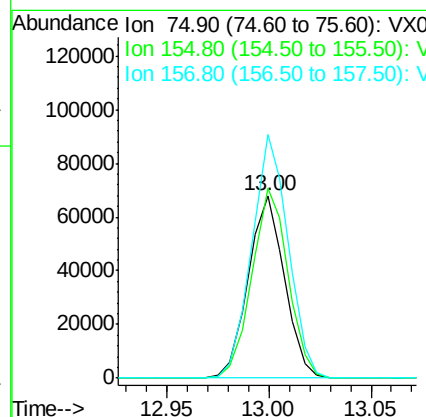
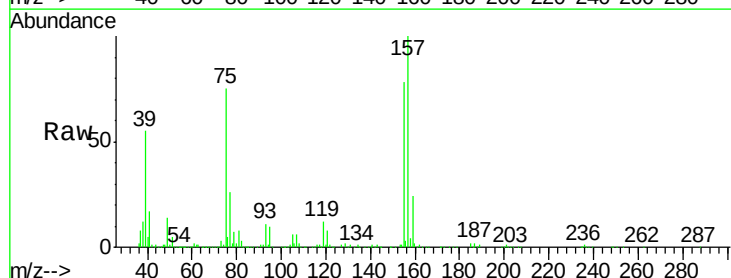
Manual Integrations
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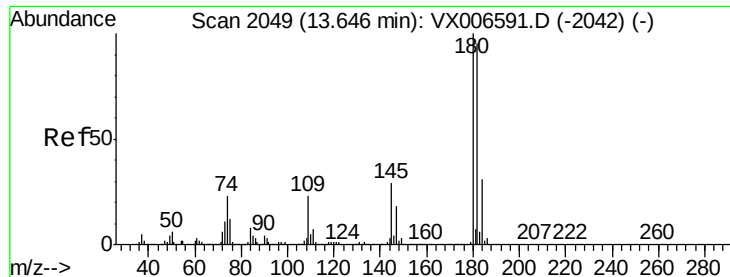
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#92
 1,2-Dibromo-3-Chloropropane
 Concen: 51.110 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion	Ratio	Lower	Upper
75	100		
155	104.9	50.6	151.8
157	134.8	64.6	193.8





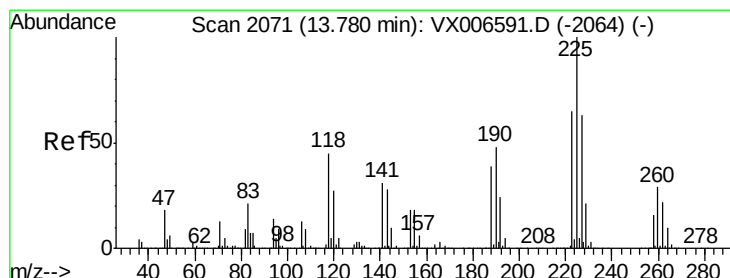
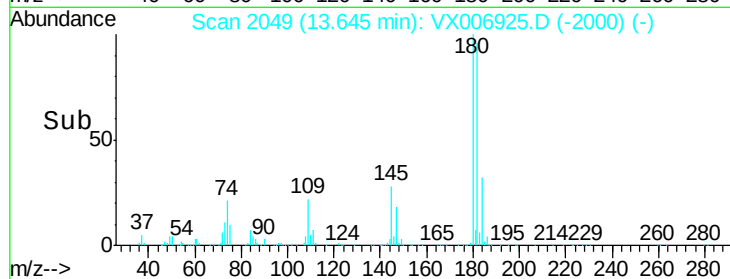
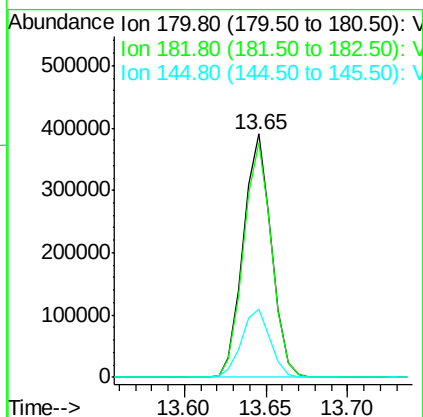
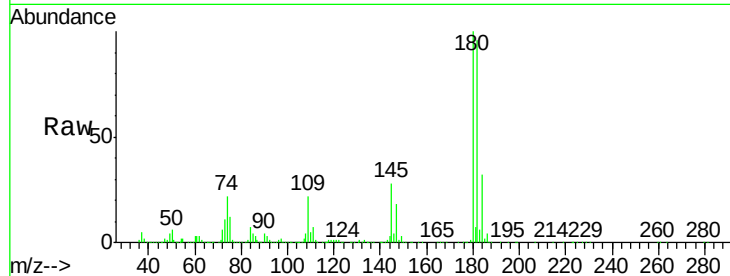
#93
 1,2,4-Trichlorobenzene
 Concen: 52.446 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:	180	Resp:	468885
Ion Ratio	Lower	Upper	
180	100		
182	96.5	47.3	142.0
145	28.6	14.8	44.3

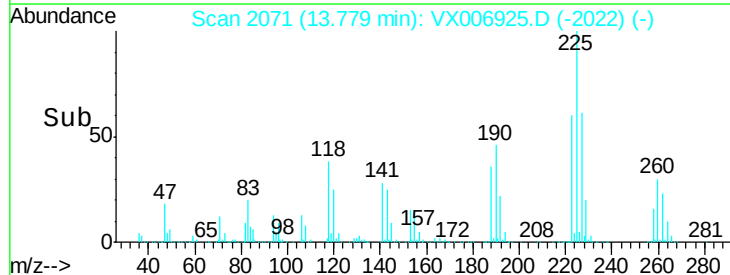
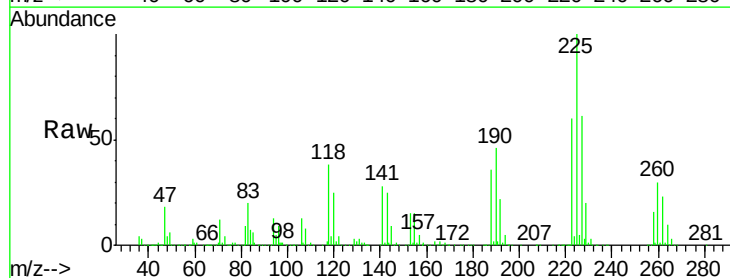
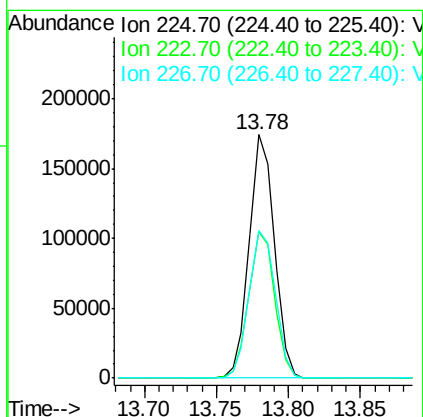
Manual Integrations
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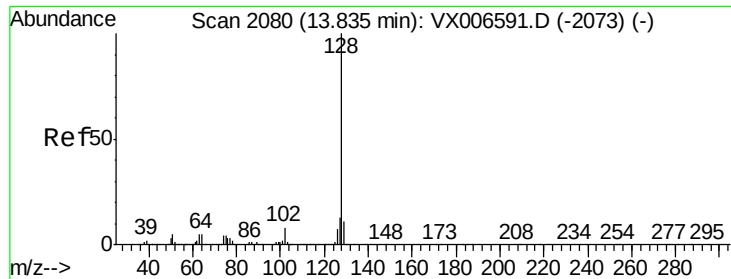
MMDadoda
 1/8/2019 9:33:28 AM



#94
 Hexachlorobutadiene
 Concen: 49.755 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006925.D
 Acq: 07 Jan 2019 10:18

Tgt Ion:	225	Resp:	209667
Ion Ratio	Lower	Upper	
225	100		
223	62.1	32.1	96.3
227	63.7	32.3	96.8





#95

Naphthalene

Concen: 47.865 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Instrument :

MSVOA_X

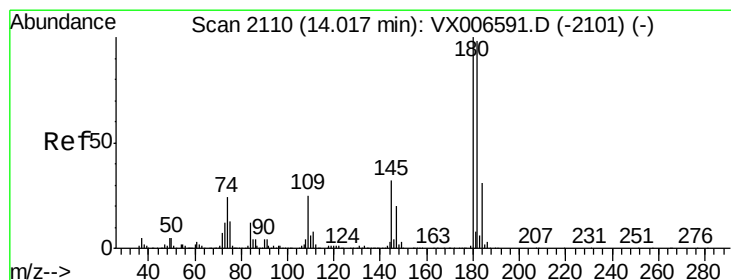
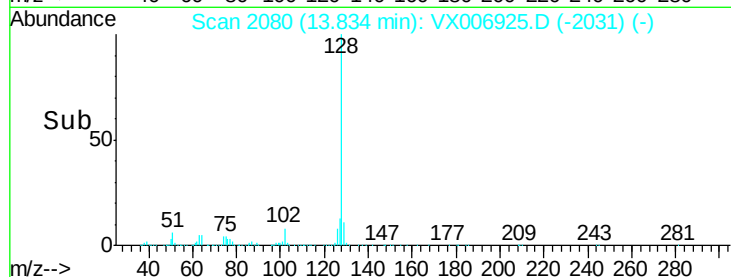
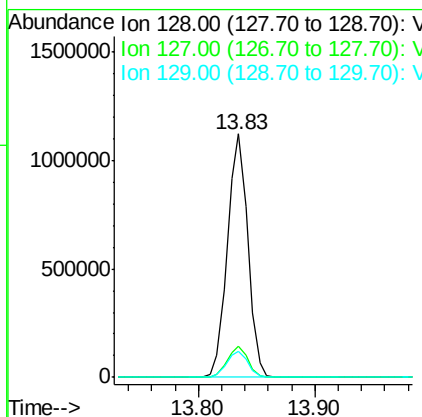
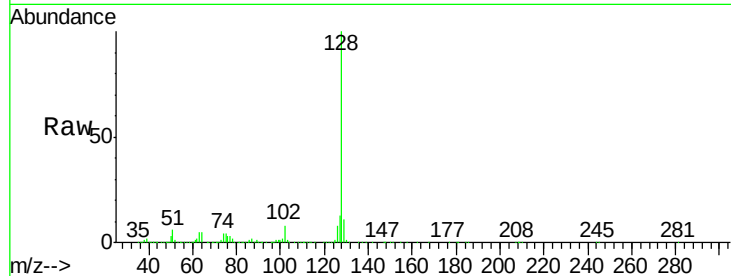
ClientSampled :

VSTDCCC050

Tot Ion:	128	Resp:	1365804
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	10.8	8.6	13.0

Manual Integrations
APPROVED

MMDadoda
1/8/2019 9:33:28 AM



#96

1,2,3-Trichlorobenzene

Concen: 50.180 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006925.D

Acq: 07 Jan 2019 10:18

Tgt Ion:	180	Resp:	463198
Ion	Ratio	Lower	Upper
180	100		
182	94.7	48.5	145.5
145	30.4	16.0	47.9

