

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121718\
 Data File : VX006585.D
 Acq On : 17 Dec 2018 20:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/18/2018 9:45:06 AM

Quant Time: Dec 18 02:18:06 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	599809	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	930238	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	851853	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	438806	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	295698	48.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.58%	
35) Dibromofluoromethane	5.50	113	279418	46.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.78%	
50) Toluene-d8	8.71	98	1003465	45.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.60%	
62) 4-Bromofluorobenzene	11.13	95	377085	45.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	273510	46.571	ug/l	99
3) Chloromethane	1.33	50	275171	45.594	ug/l	96
4) Vinyl Chloride	1.41	62	306342	47.162	ug/l	98
5) Bromomethane	1.64	94	299004	66.422	ug/l	99
6) Chloroethane	1.71	64	197294	49.539	ug/l	98
7) Trichlorofluoromethane	1.93	101	492125	49.357	ug/l	98
8) Diethyl Ether	2.19	74	188294	49.898	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.39	101	280518	49.478	ug/l	98
10) Methyl Iodide	2.51	142	434553	50.859	ug/l	99
11) Tert butyl alcohol	3.08	59	362562	216.516	ug/l	100
12) 1,1-Dichloroethene	2.37	96	269281	49.615	ug/l	94
13) Acrolein	2.30	56	316506	345.819	ug/l	100
14) Allyl chloride	2.73	41	459524	42.861	ug/l	98
15) Acrylonitrile	3.15	53	840835	240.628	ug/l	99
16) Acetone	2.45	43	683571	237.886	ug/l	97
17) Carbon Disulfide	2.57	76	686431	41.044	ug/l	100
18) Methyl Acetate	2.78	43	480856	50.039	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	947451	48.934	ug/l	99
20) Methylene Chloride	2.85	84	301661	49.327	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	288367	49.857	ug/l	93
22) Diisopropyl ether	3.87	45	857517	51.206	ug/l	99
23) Vinyl Acetate	3.82	43	3441089	240.919	ug/l	100
24) 1,1-Dichloroethane	3.70	63	488529	51.038	ug/l	99
25) 2-Butanone	4.70	43	1030373	251.304	ug/l	98
26) 2,2-Dichloropropane	4.59	77	330713	37.438	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	337815	52.362	ug/l	96
28) Bromochloromethane	5.02	49	207522	49.636	ug/l	98
29) Tetrahydrofuran	5.15	42	707440	248.262	ug/l	98
30) Chloroform	5.21	83	529895	52.680	ug/l	98
31) Cyclohexane	5.57	56	440637	49.813	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	456244	47.672	ug/l	99
36) 1,1-Dichloropropene	5.80	75	383561	48.964	ug/l	99
37) Ethyl Acetate	4.86	43	405722	46.249	ug/l	98
38) Carbon Tetrachloride	5.78	117	385930	41.878	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	492061	48.392	ug/l	97
40) Benzene	6.14	78	1188812	50.669	ug/l	99
41) Methacrylonitrile	5.06	41	224338	46.474	ug/l	98
42) 1,2-Dichloroethane	6.20	62	397908	51.819	ug/l	100
43) Isopropyl Acetate	6.46	43	653179	44.658	ug/l	99
44) Trichloroethene	7.21	130	358107	50.383	ug/l	97
45) 1,2-Dichloropropane	7.51	63	294618	49.408	ug/l	99
46) Dibromomethane	7.66	93	213356	49.542	ug/l	96
47) Bromodichloromethane	7.90	83	372087	44.616	ug/l	99
48) Methyl methacrylate	7.77	41	331917	46.647	ug/l	98
49) 1,4-Dioxane	7.75	88	160986	917.960	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2046715	240.375	ug/l	99
52) Toluene	8.79	92	778580	50.440	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	402508	41.268	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	448368	44.271	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	323485	51.585	ug/l	100
56) Ethyl methacrylate	9.18	69	457350	46.652	ug/l	99
57) 1,3-Dichloropropane	9.37	76	513495	51.784	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1096153	220.344	ug/l	100
59) 2-Hexanone	9.49	43	1520686	233.764	ug/l	99
60) Dibromochloromethane	9.59	129	318686	41.214	ug/l	100
61) 1,2-Dibromoethane	9.67	107	349299	49.816	ug/l	100
64) Tetrachloroethene	9.34	164	334807	52.189	ug/l	97
65) Chlorobenzene	10.14	112	911546	50.409	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	305747	43.517	ug/l	99
67) Ethyl Benzene	10.25	91	1502776	49.967	ug/l	99
68) m/p-Xylenes	10.36	106	1192642	98.996	ug/l	99
69) o-Xylene	10.70	106	587436	49.364	ug/l	99
70) Styrene	10.71	104	948473	49.280	ug/l	99
71) Bromoform	10.86	173	235987	35.581	ug/l	99
73) Isopropylbenzene	11.02	105	1553026	51.249	ug/l	99
74) N-amyl acetate	10.90	43	555539	42.572	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	463102	47.769	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	426566m	50.364	ug/l	
77) Bromobenzene	11.26	156	411668	48.951	ug/l	98
78) n-propylbenzene	11.36	91	1708441	50.718	ug/l	100
79) 2-Chlorotoluene	11.42	91	1001942	50.044	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1274850	50.563	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	114029	31.594	ug/l #	82
82) 4-Chlorotoluene	11.51	91	1155810	49.653	ug/l	100
83) tert-Butylbenzene	11.77	119	1308041	48.623	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1309298	50.290	ug/l	100
85) sec-Butylbenzene	11.94	105	1560253	50.981	ug/l	100
86) p-Isopropyltoluene	12.07	119	1382862	50.180	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	741091	49.525	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	738713	48.638	ug/l	100
89) n-Butylbenzene	12.38	91	1166598	49.613	ug/l	99
90) Hexachloroethane	12.60	117	200815	35.754	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	725991	48.884	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	97344	39.170	ug/l	94

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VSTDCCC050EC

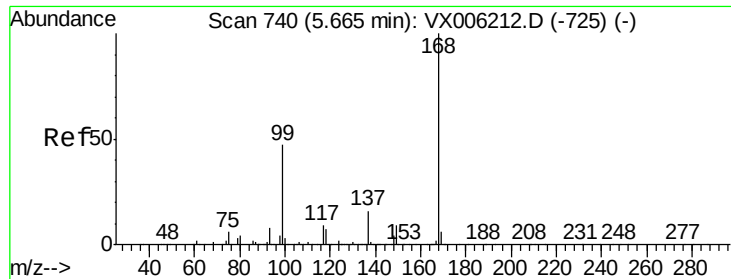
Manual Integrations
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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	513515	47.395	ug/l	99
94) Hexachlorobutadiene	13.78	225	230296	48.062	ug/l	99
95) Naphthalene	13.83	128	1644750	48.801	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	521891	48.631	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. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:168 Resp: 599809

Ion Ratio Lower Upper

168 100

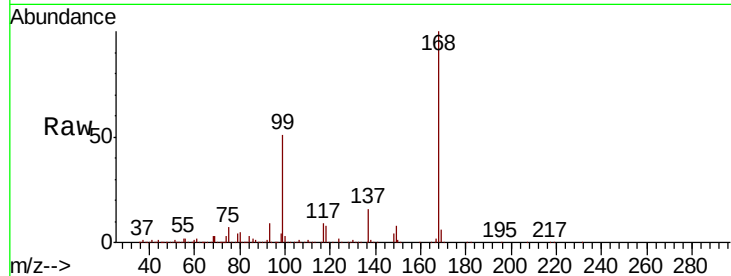
99 50.7 37.8 56.8

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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

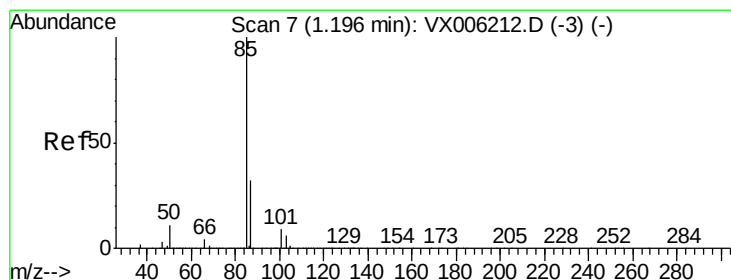
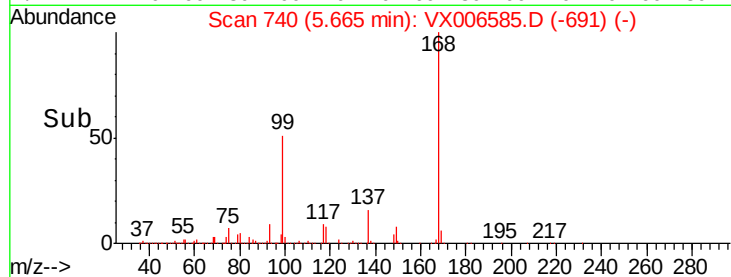
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50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 46.571 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006585.D

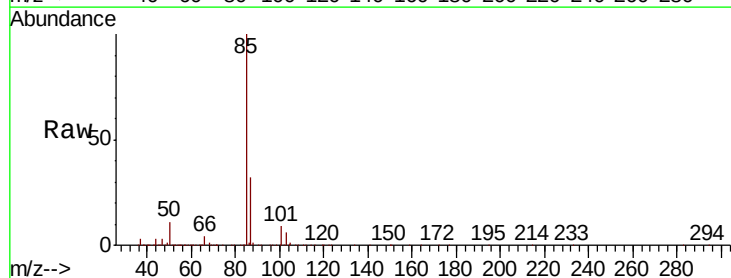
Acq: 17 Dec 2018 20:46

Tgt Ion: 85 Resp: 273510

Ion Ratio Lower Upper

85 100

87 32.4 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

300000

250000

200000

150000

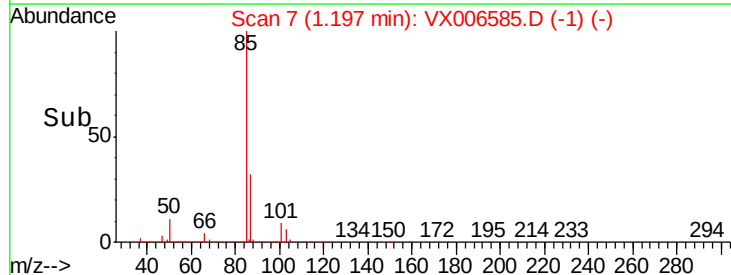
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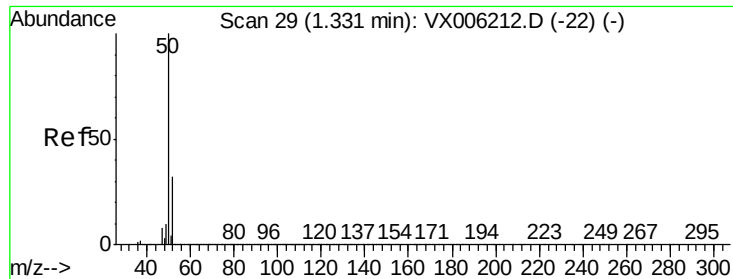
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Time-->

1.15 1.20 1.25 1.30





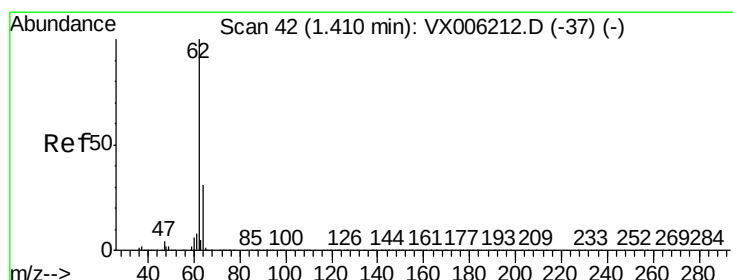
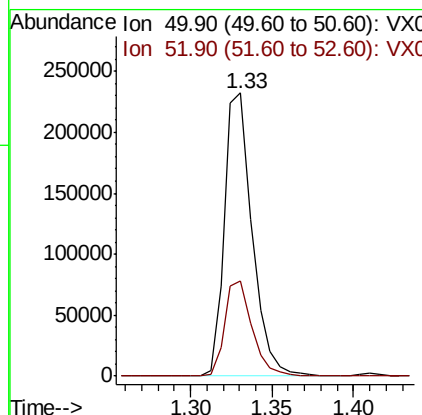
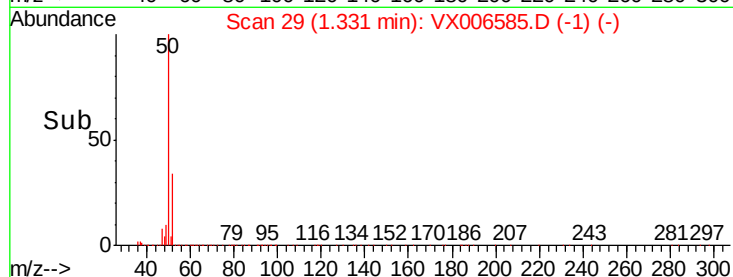
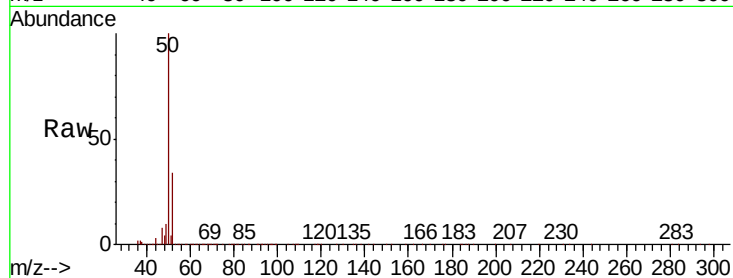
#3
Chloromethane
Concen: 45.594 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 50 Resp: 275171
Ion Ratio Lower Upper
50 100
52 33.7 25.2 37.8

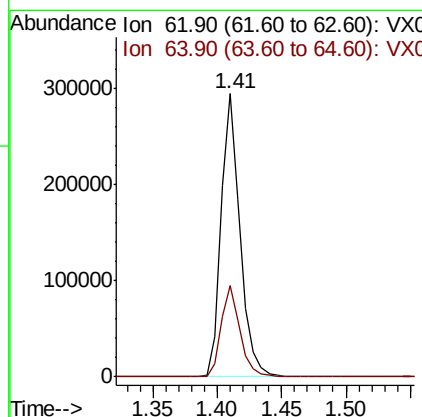
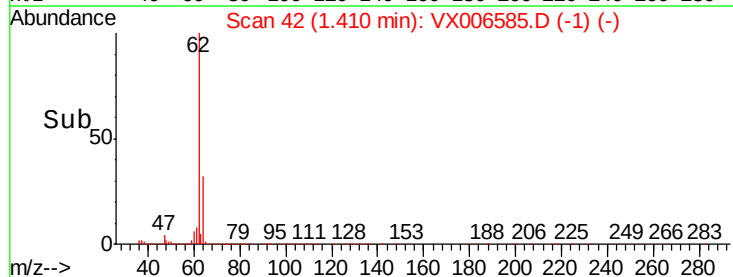
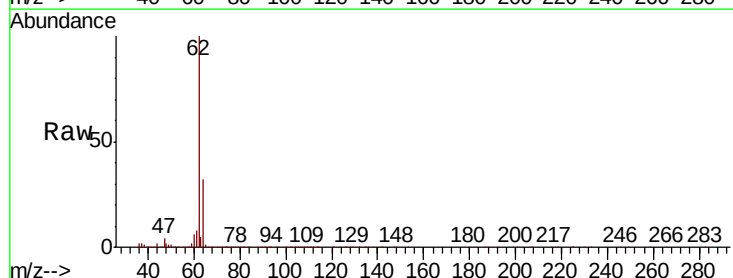
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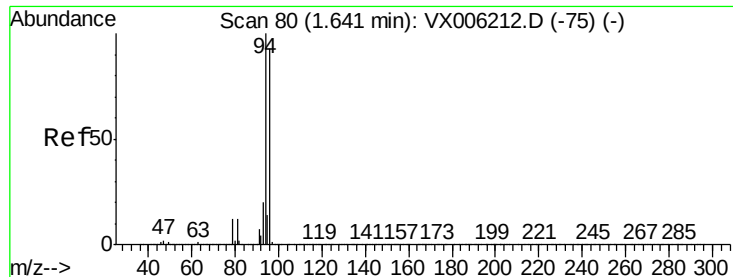
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#4
Vinyl Chloride
Concen: 47.162 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 62 Resp: 306342
Ion Ratio Lower Upper
62 100
64 32.4 24.9 37.3





#5

Bromomethane

Concen: 66.422 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 299004

Ion Ratio Lower Upper

94 100

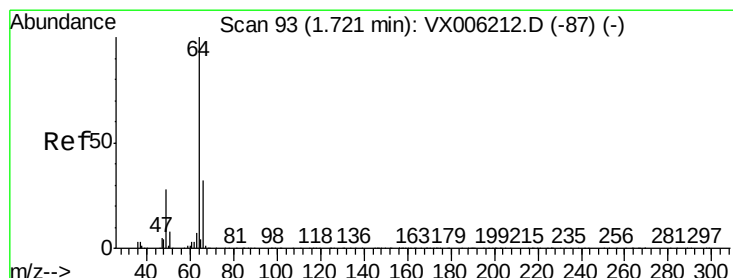
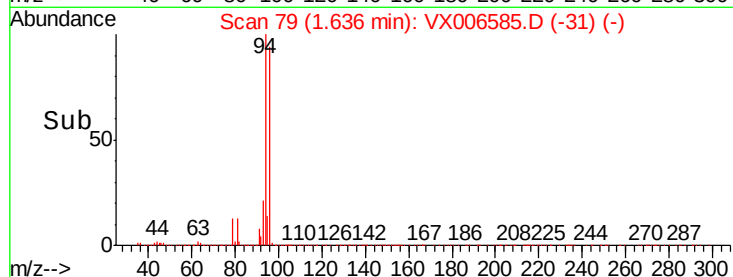
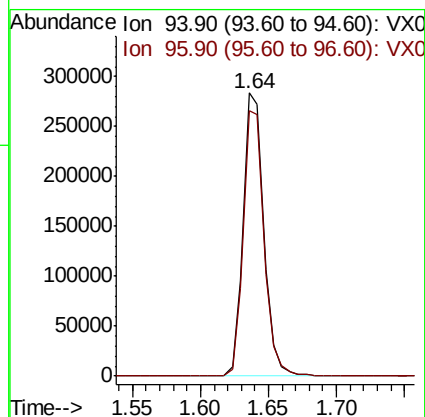
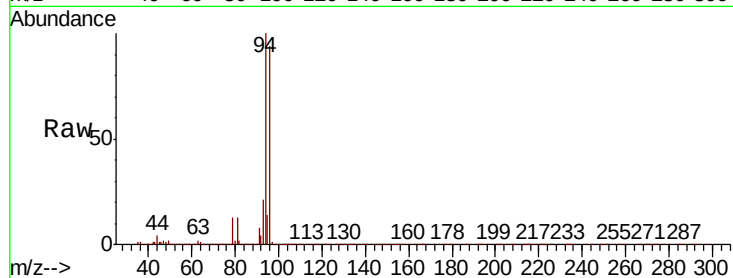
96 94.0 74.5 111.7

Manual Integrations

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#6

Chloroethane

Concen: 49.539 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006585.D

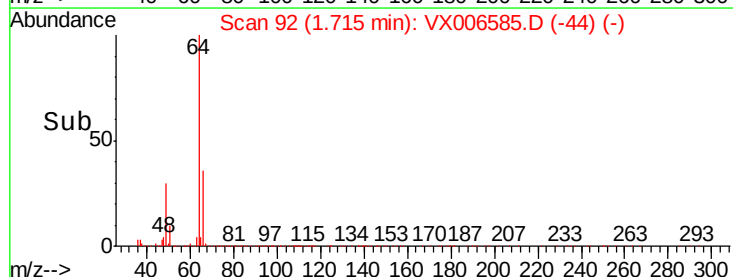
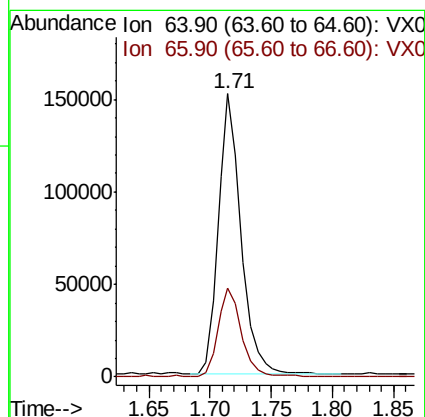
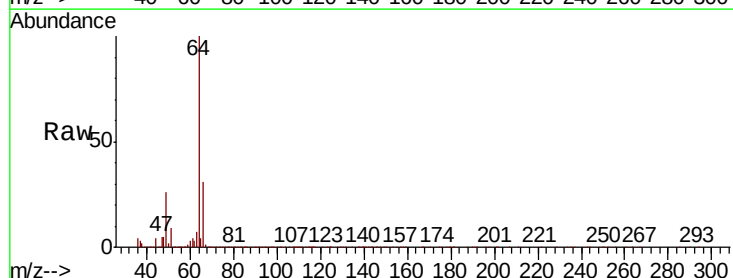
Acq: 17 Dec 2018 20:46

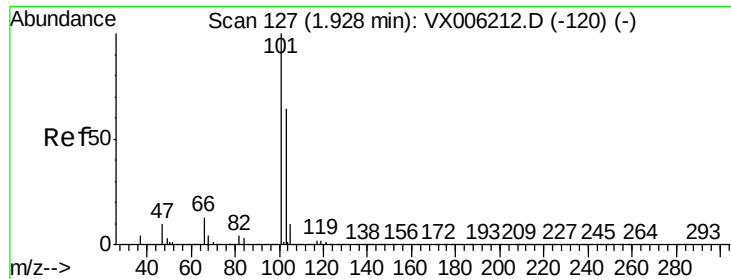
Tgt Ion: 64 Resp: 197294

Ion Ratio Lower Upper

64 100

66 31.3 25.9 38.9





#7

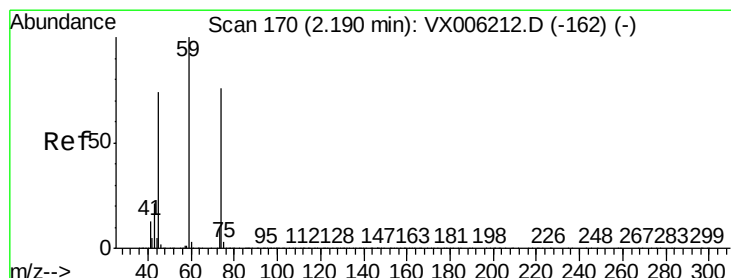
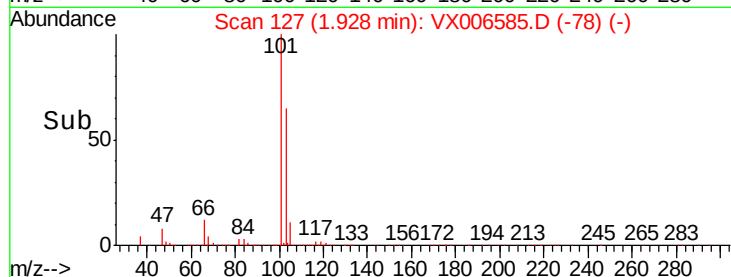
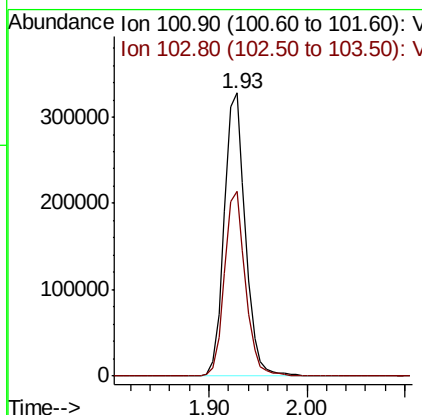
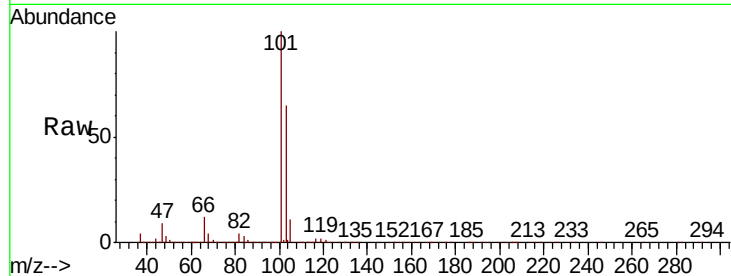
Trichlorofluoromethane
Concen: 49.357 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	51.0	76.4

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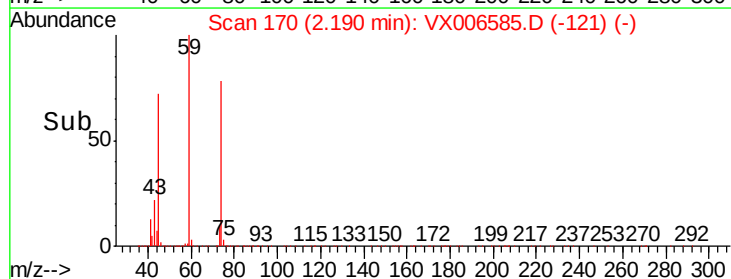
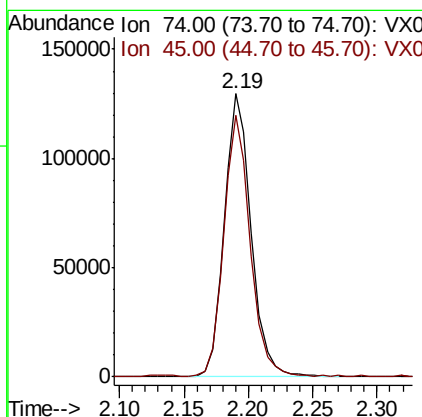
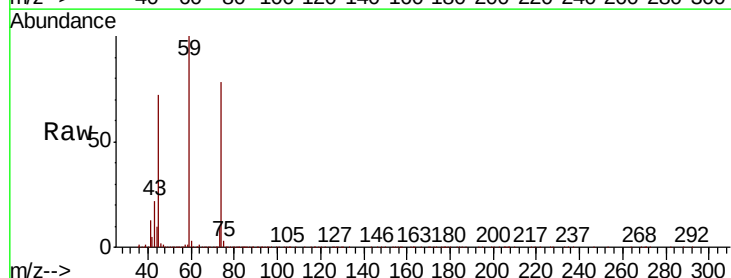
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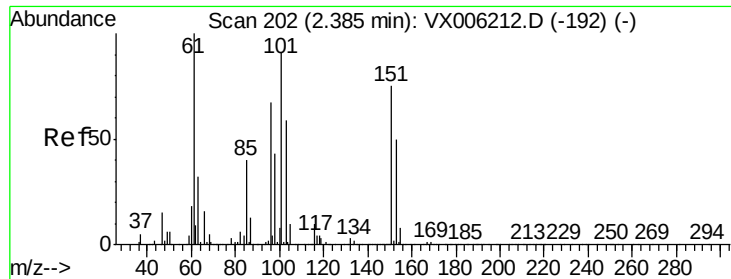


#8

Diethyl Ether
Concen: 49.898 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
74	100		
45	91.1	49.5	148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.478 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

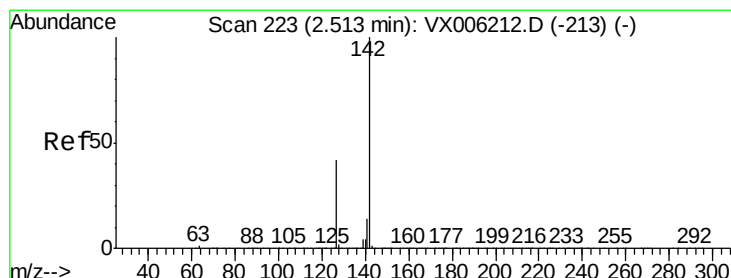
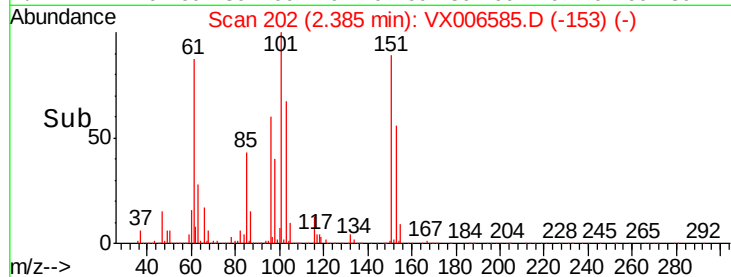
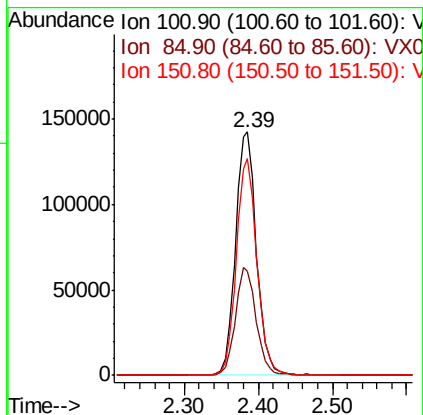
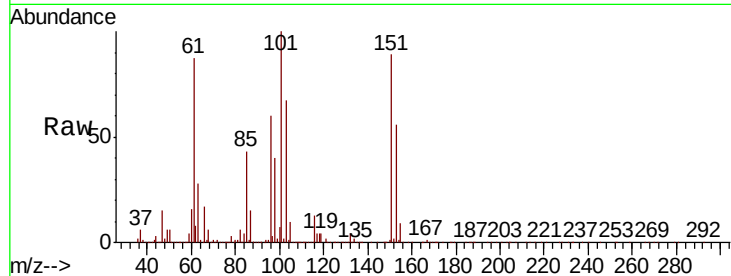
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	280518
Ion Ratio	Lower	Upper	
101	100		
85	44.1	35.5	53.3
151	87.7	68.6	103.0

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#10

Methyl Iodide

Concen: 50.859 ug/l

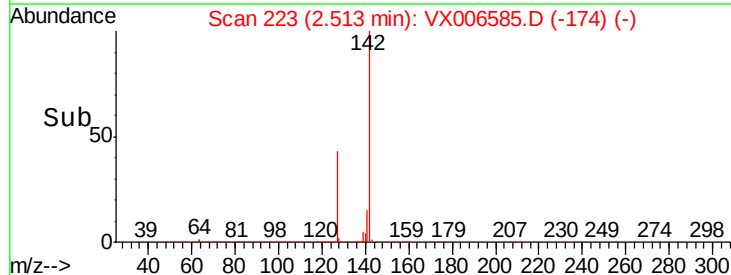
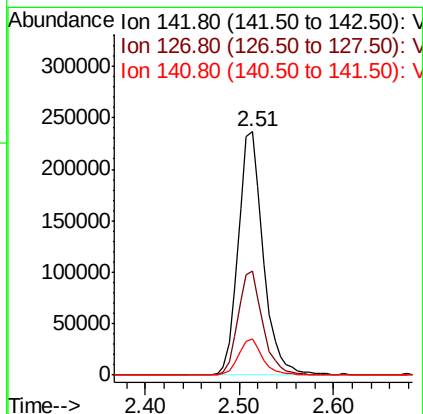
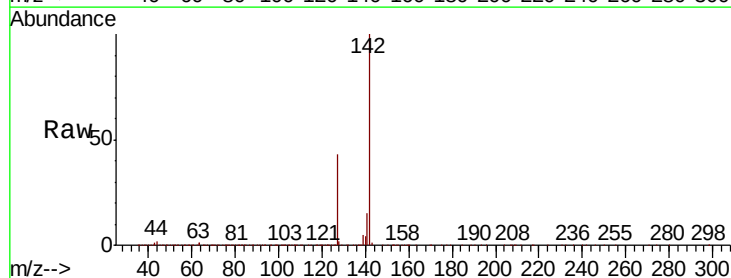
RT: 2.51 min Scan# 223

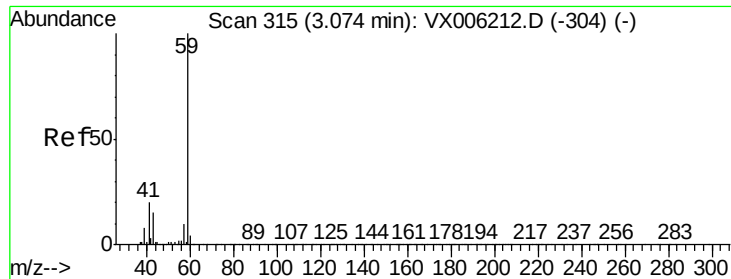
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	142	Resp:	434553
Ion Ratio	Lower	Upper	
142	100		
127	42.5	34.8	52.2
141	14.5	11.4	17.2





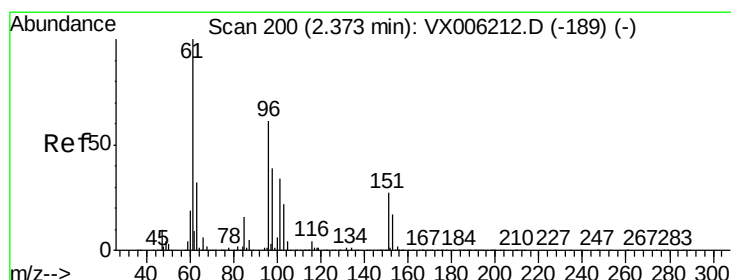
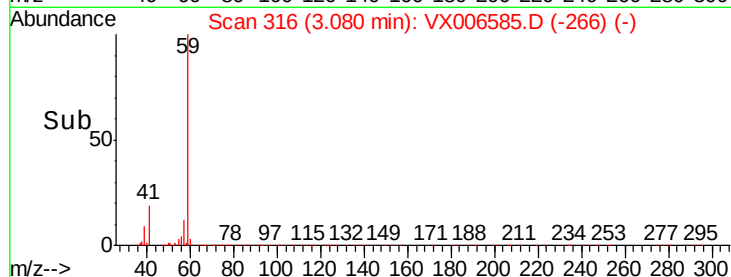
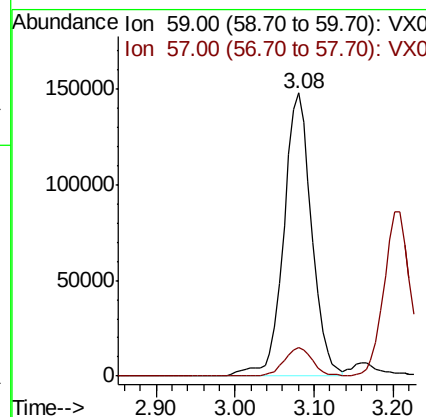
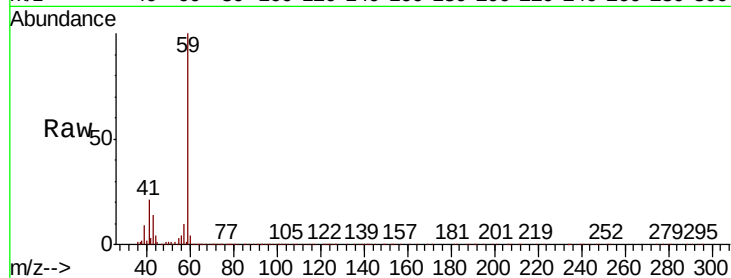
#11
Tert butyl alcohol
Concen: 216.516 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.0	8.2	12.2

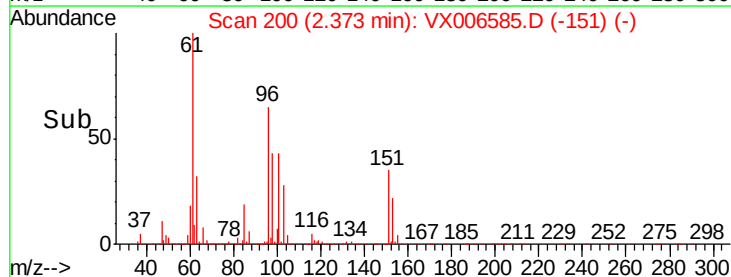
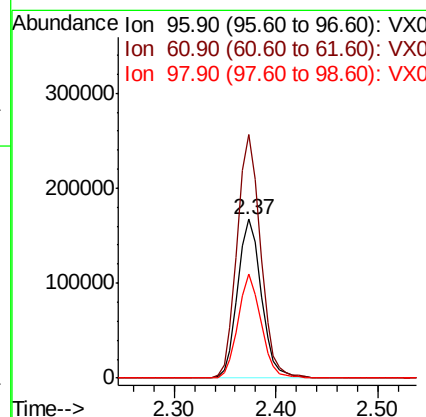
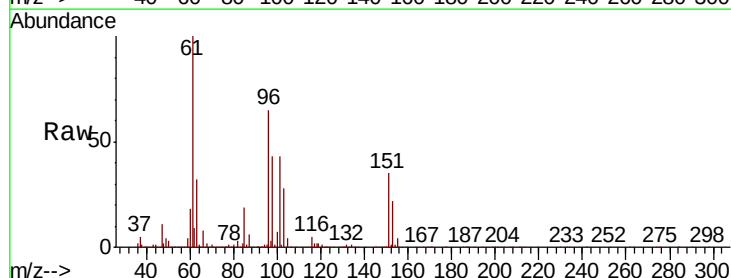
Manual Integrations
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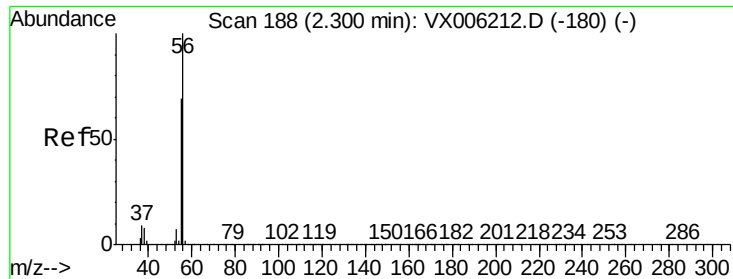
MMDadoda
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#12
1,1-Dichloroethene
Concen: 49.615 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
96	100		
61	153.0	131.7	197.5
98	65.2	51.8	77.6





#13

Acrolein

Concen: 345.819 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 316506

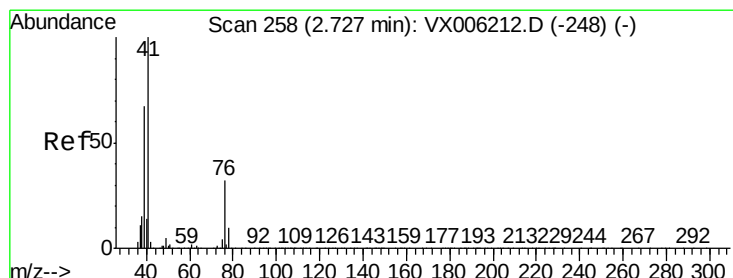
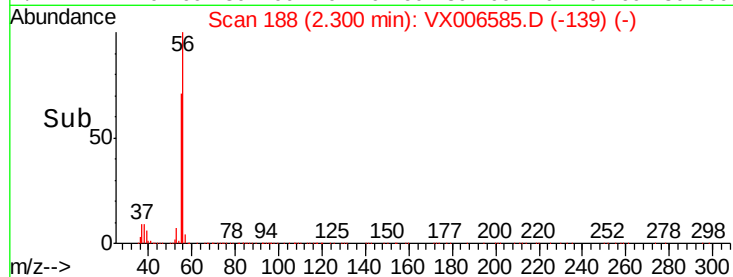
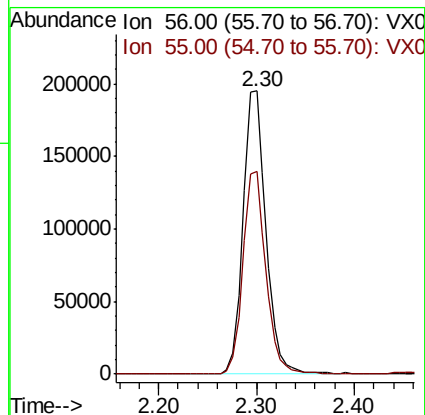
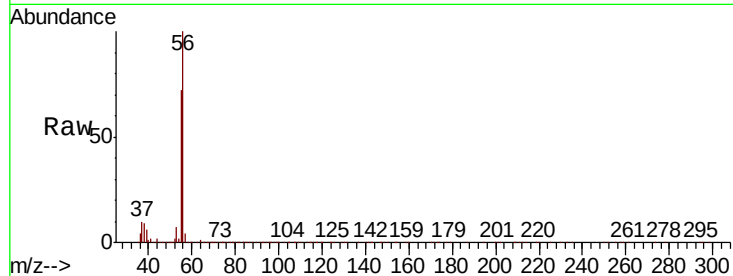
Ion Ratio Lower Upper

56 100

55 71.9 57.8 86.6

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#14

Allyl chloride

Concen: 42.861 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

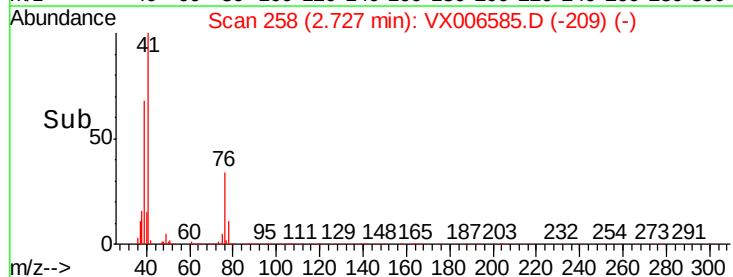
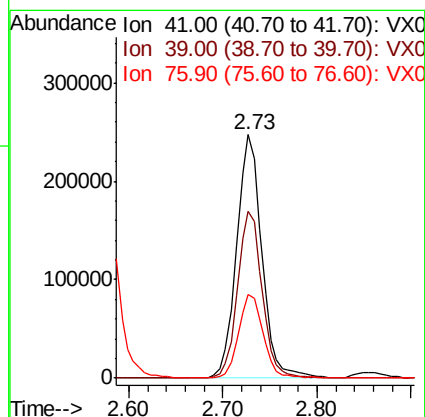
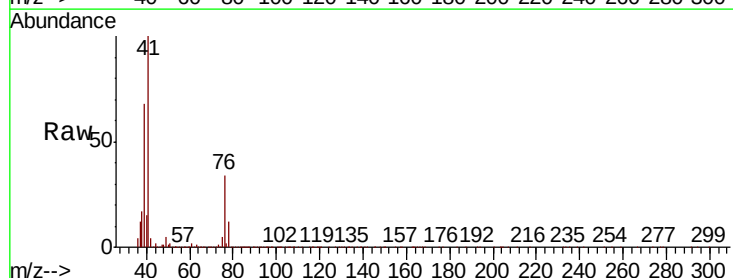
Tgt Ion: 41 Resp: 459524

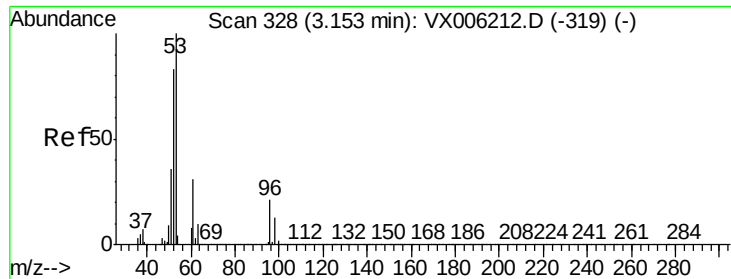
Ion Ratio Lower Upper

41 100

39 66.6 52.4 78.6

76 33.3 25.4 38.0





#15

Acrylonitrile

Concen: 240.628 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

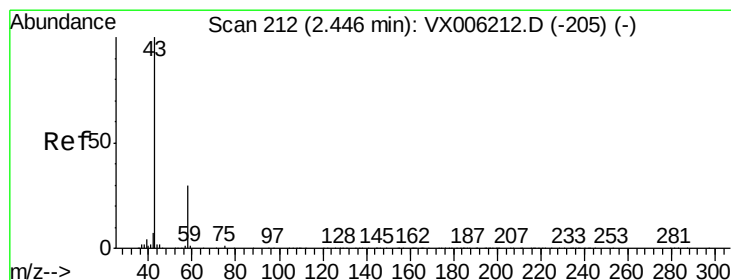
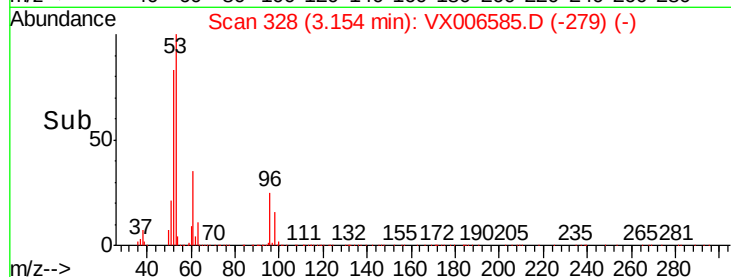
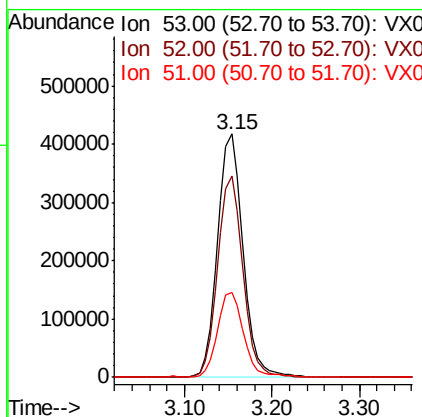
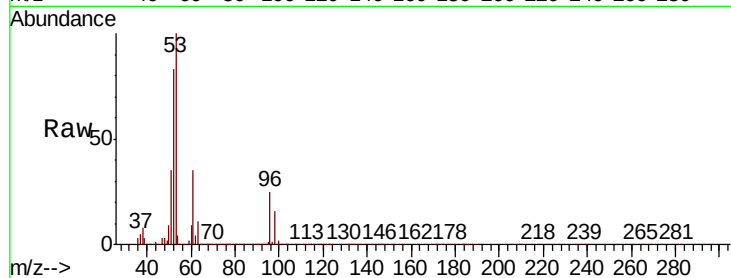
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	840835
Ion Ratio		Lower	Upper
53	100		
52	82.0	66.2	99.4
51	35.8	28.7	43.1

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#16

Acetone

Concen: 237.886 ug/l

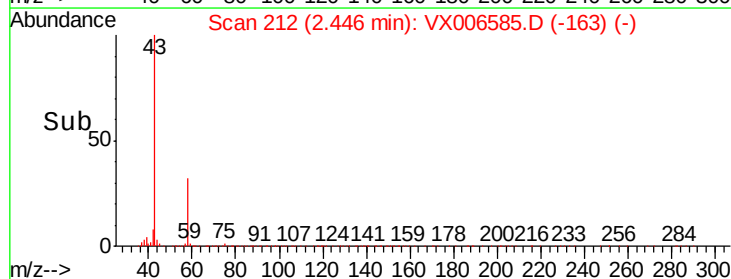
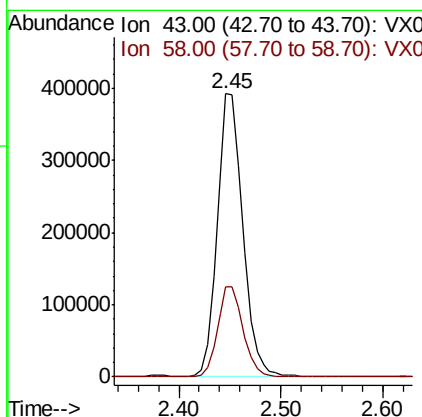
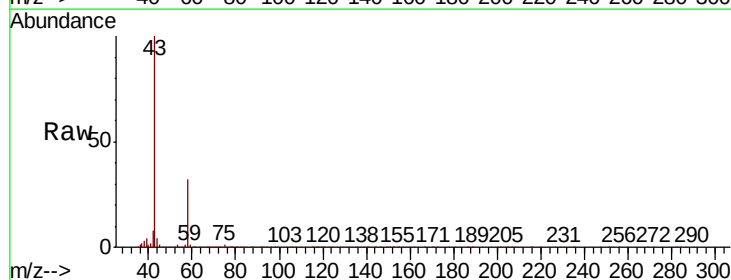
RT: 2.45 min Scan# 212

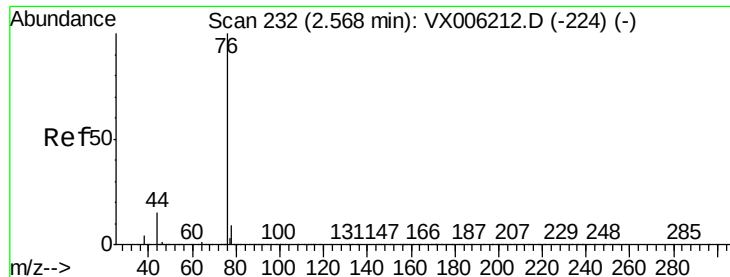
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	43	Resp:	683571
Ion Ratio		Lower	Upper
43	100		
58	31.6	24.0	36.0





#17

Carbon Disulfide

Concen: 41.044 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tot Ion: 76 Resp: 686431

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7

Instrument :

MSVOA_X

ClientSampleId :

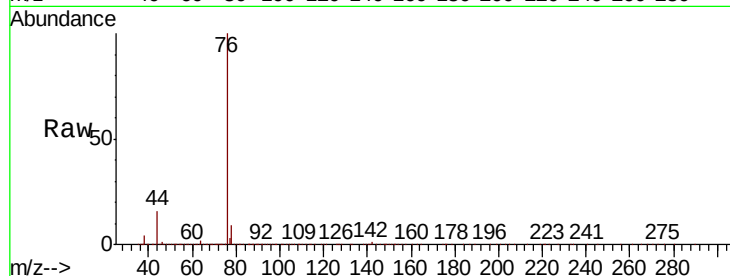
VSTDCCC050EC

Manual Integrations

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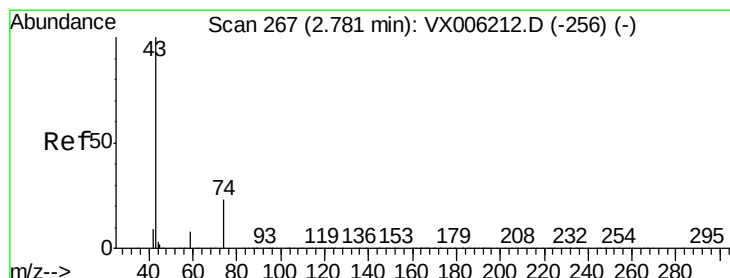
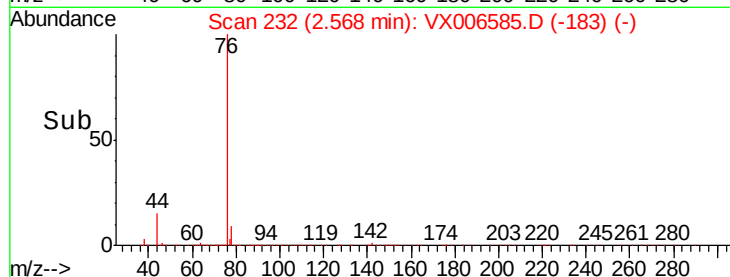
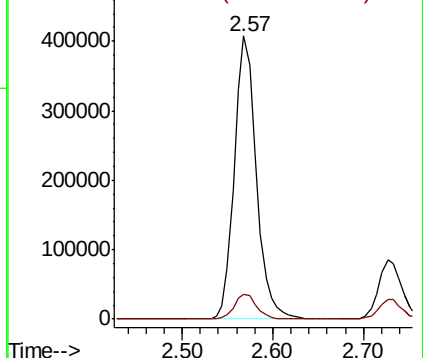
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Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 50.039 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006585.D

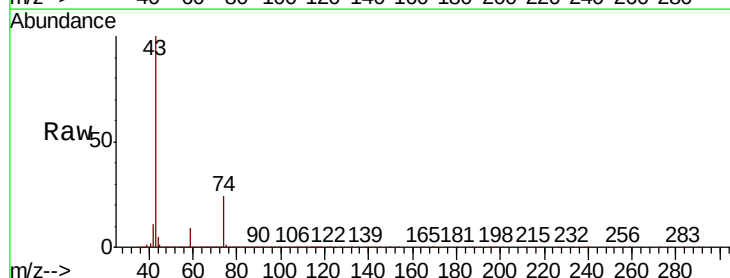
Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 480856

Ion Ratio Lower Upper

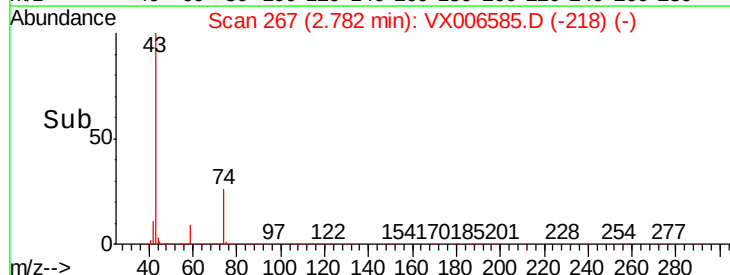
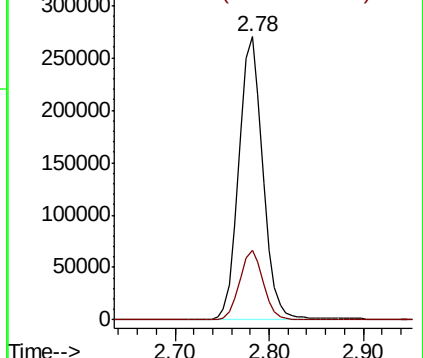
43 100

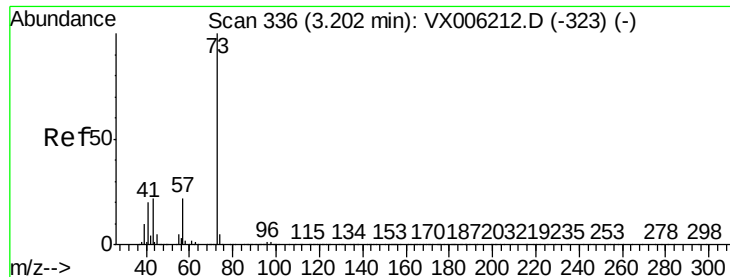
74 24.6 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





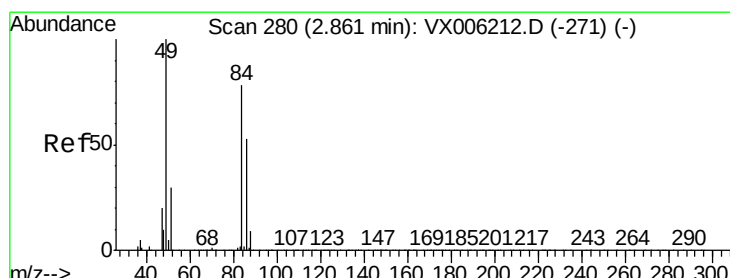
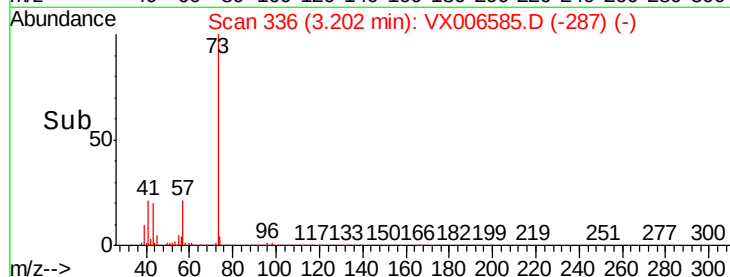
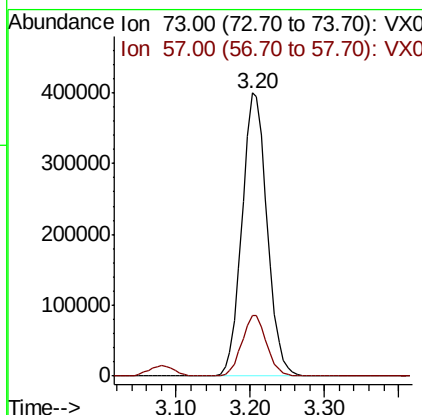
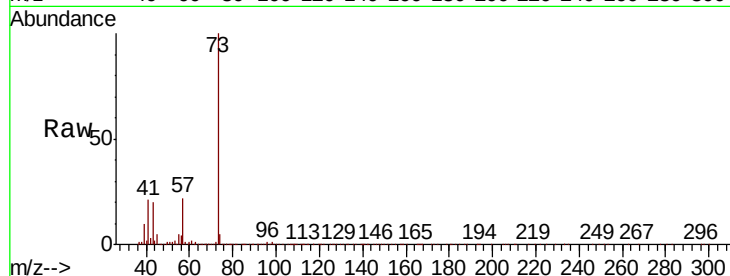
#19
Methyl tert-butyl Ether
Concen: 48.934 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.4	17.5	26.3

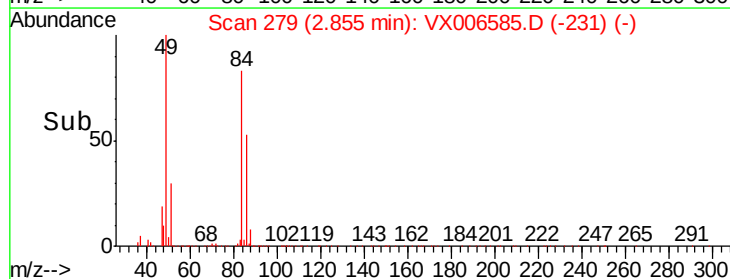
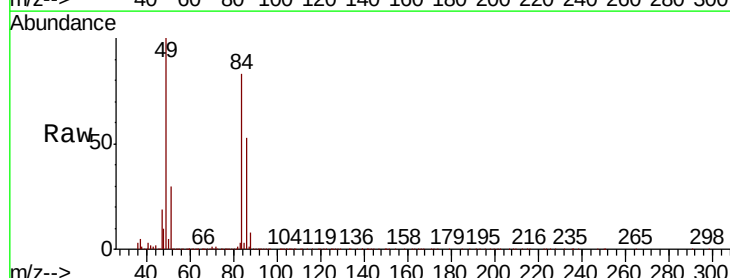
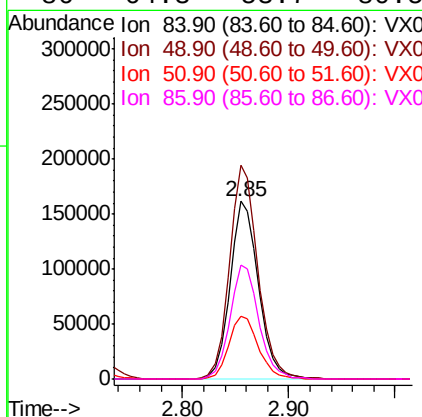
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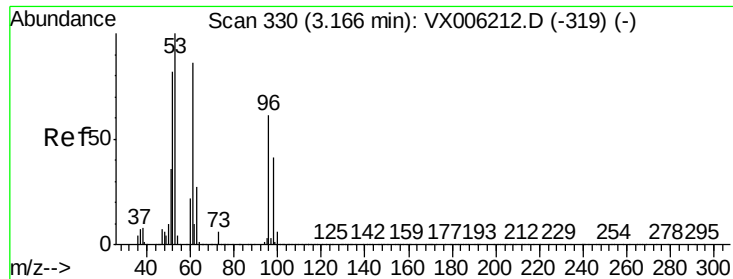
MMDadoda
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#20
Methylene Chloride
Concen: 49.327 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
84	100		
49	120.2	102.2	153.4
51	35.5	31.1	46.7
86	64.3	53.7	80.5





#21

trans-1,2-Dichloroethene

Concen: 49.857 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

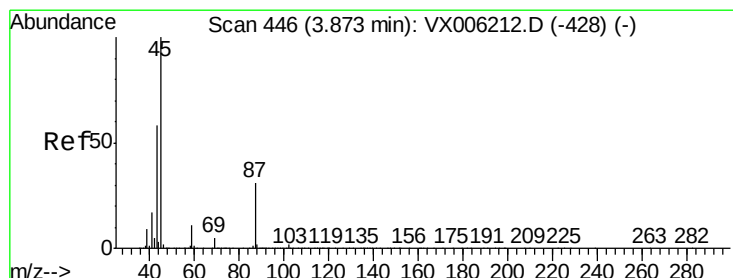
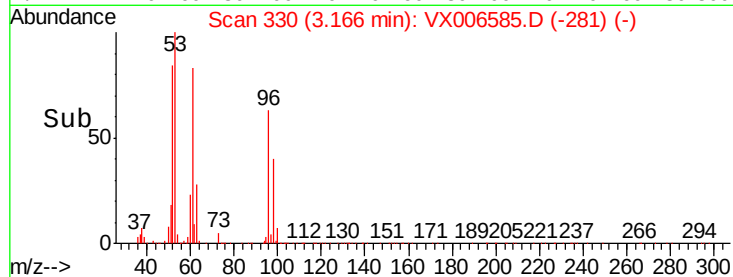
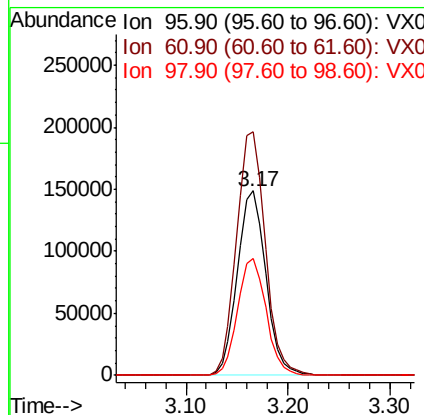
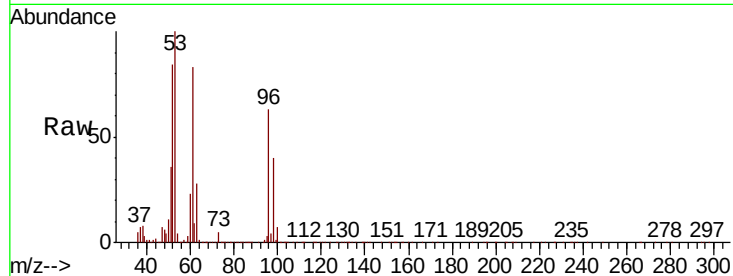
ClientSampleId :

VSTDCCC050EC

Tot Ion:	96	Resp:	288367
Ion Ratio	Lower	Upper	
96	100		
61	131.9	113.3	169.9
98	63.5	53.2	79.8

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#22

Diisopropyl ether

Concen: 51.206 ug/l

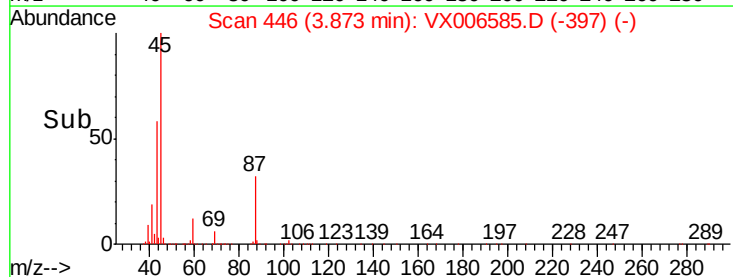
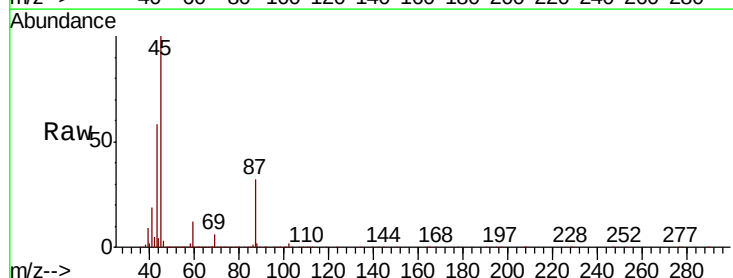
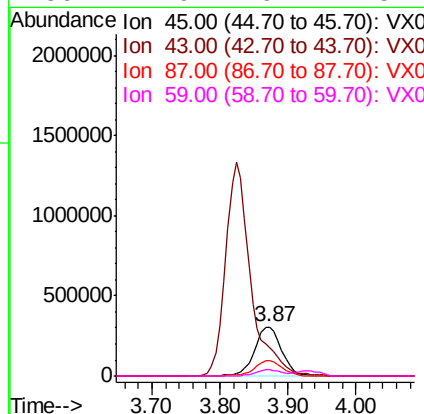
RT: 3.87 min Scan# 446

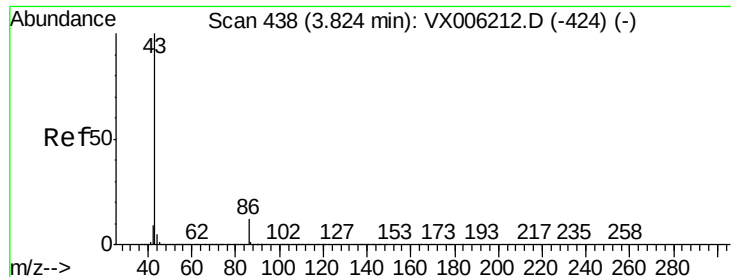
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	45	Resp:	857517
Ion Ratio	Lower	Upper	
45	100		
43	58.3	46.2	69.2
87	32.3	24.9	37.3
59	11.9	9.1	13.7





#23

Vinyl Acetate

Concen: 240.919 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3441089

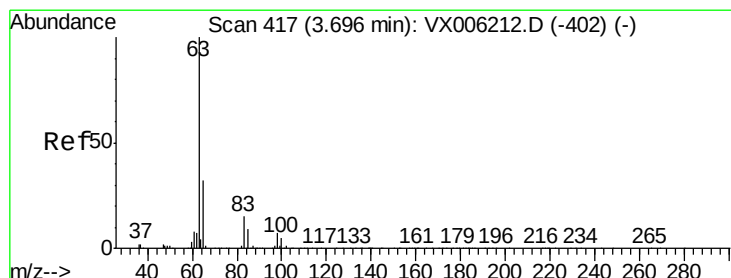
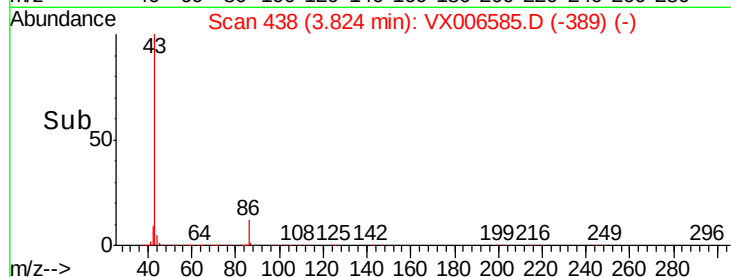
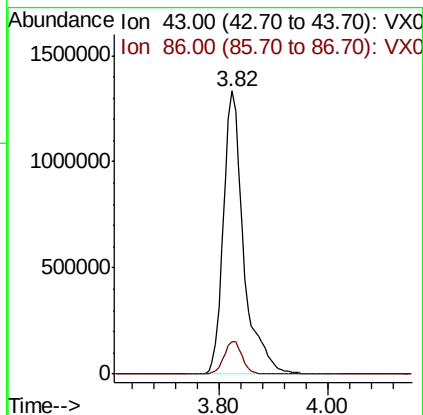
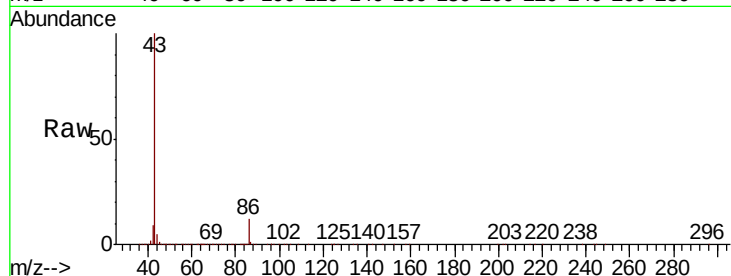
Ion Ratio Lower Upper

43 100

86 11.6 9.4 14.0

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#24

1,1-Dichloroethane

Concen: 51.038 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

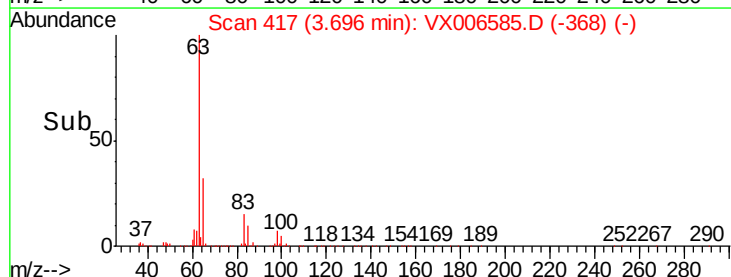
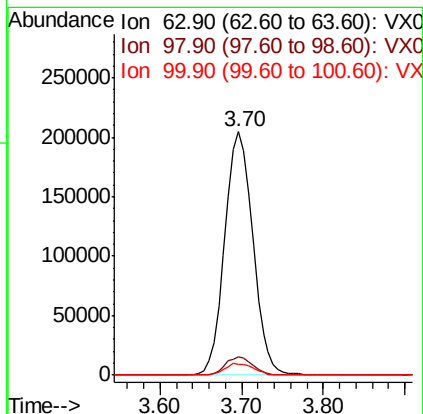
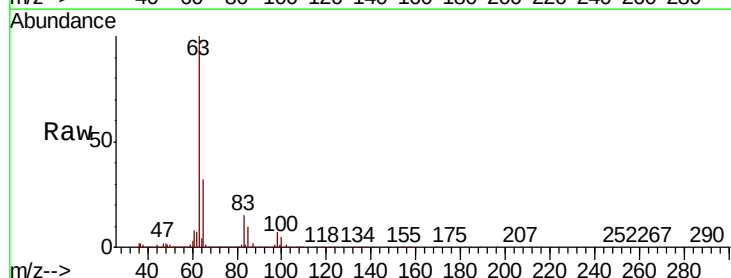
Tgt Ion: 63 Resp: 488529

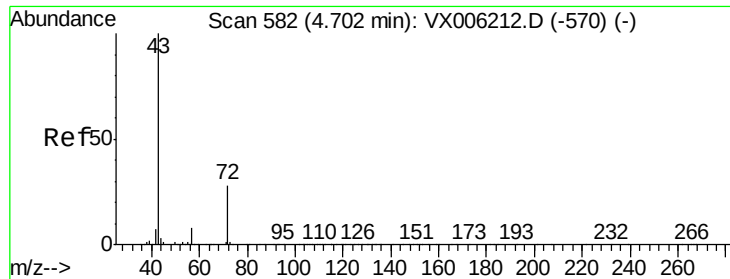
Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

100 4.5 2.5 7.4





#25

2-Butanone

Concen: 251.304 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1030373

Ion Ratio Lower Upper

43 100

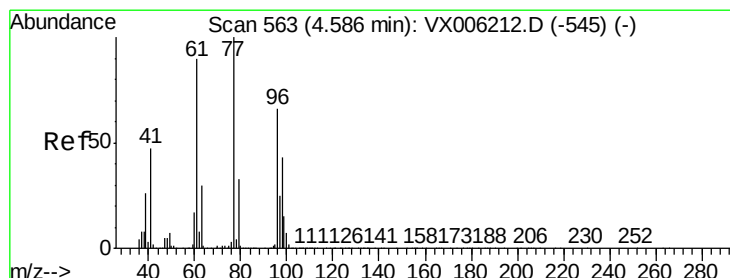
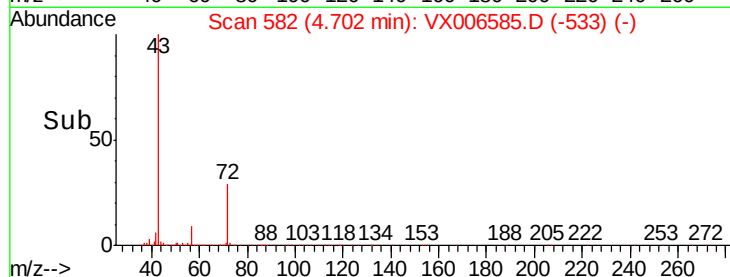
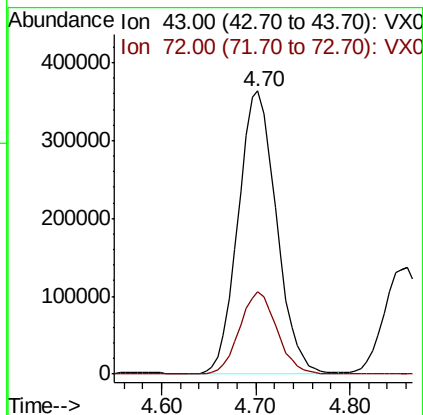
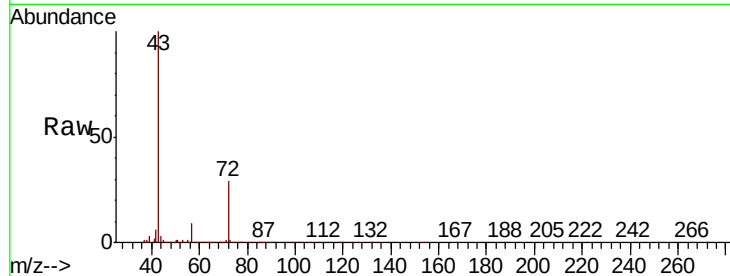
72 29.0 22.6 33.8

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#26

2,2-Dichloropropane

Concen: 37.438 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006585.D

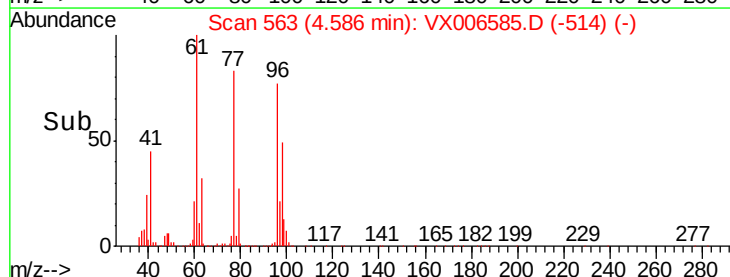
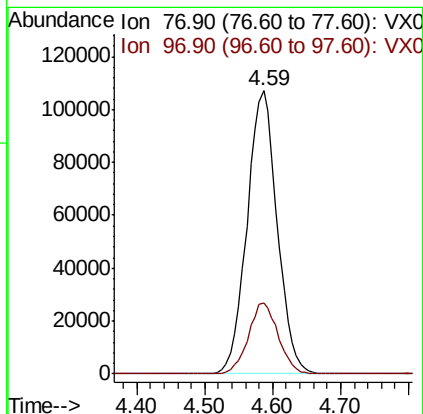
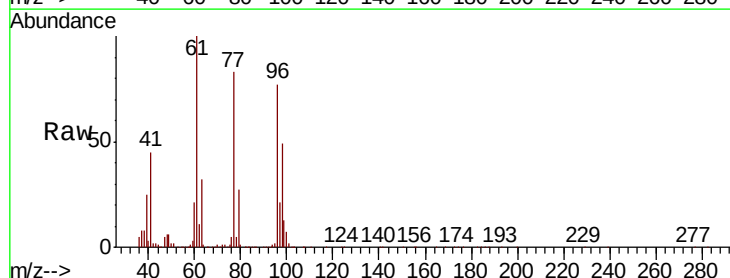
Acq: 17 Dec 2018 20:46

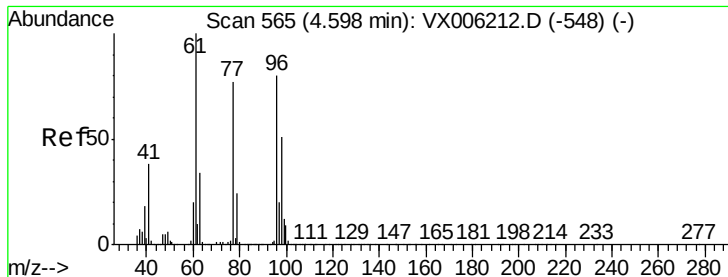
Tgt Ion: 77 Resp: 330713

Ion Ratio Lower Upper

77 100

97 25.0 12.3 36.8





#27

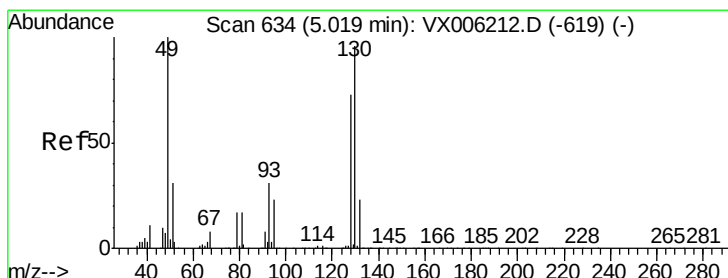
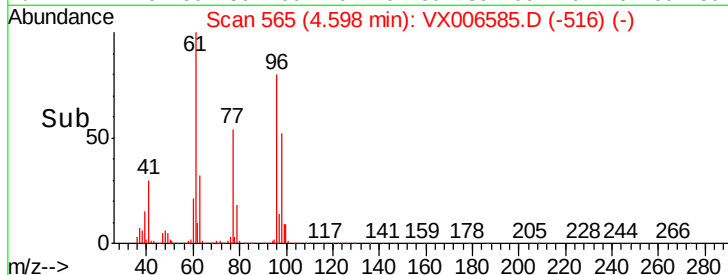
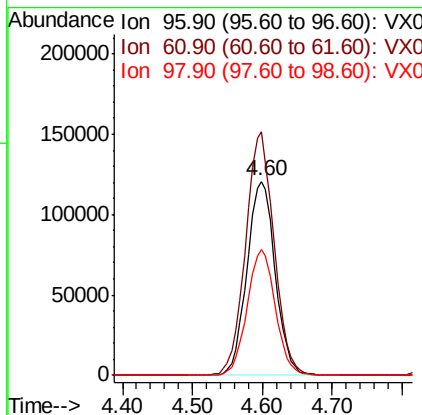
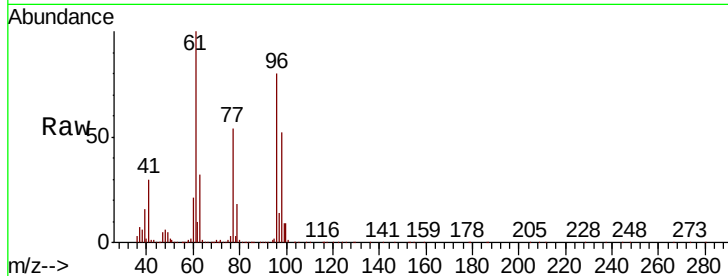
cis-1,2-Dichloroethene
Concen: 52.362 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	126.4	0.0	265.0
98	64.6	0.0	130.2

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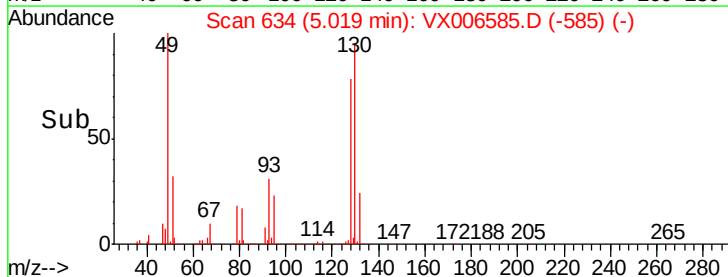
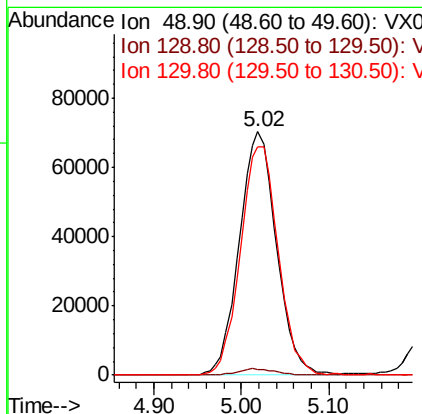
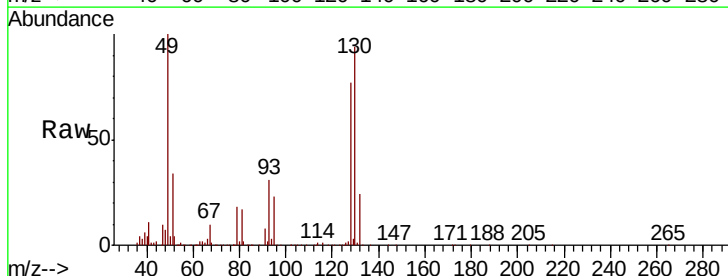
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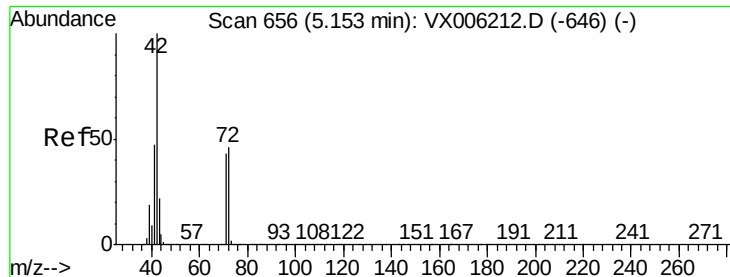


#28

Bromochloromethane
Concen: 49.636 ug/l
RT: 5.02 min Scan# 634
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.0
130	95.6	78.3	117.5





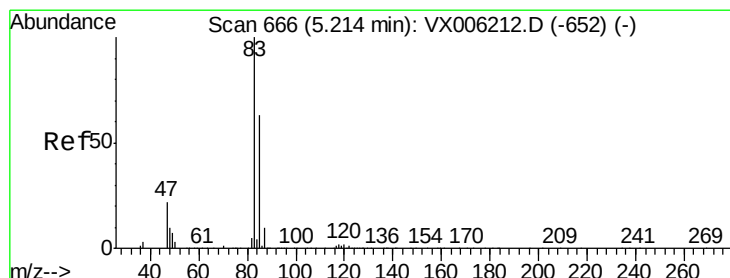
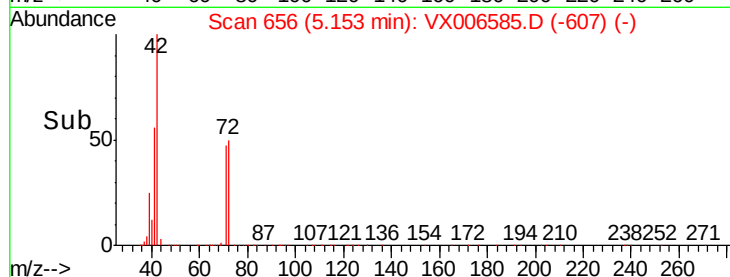
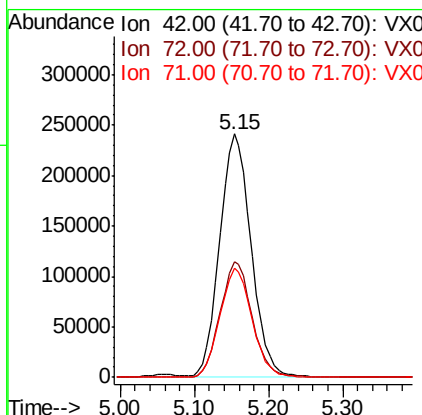
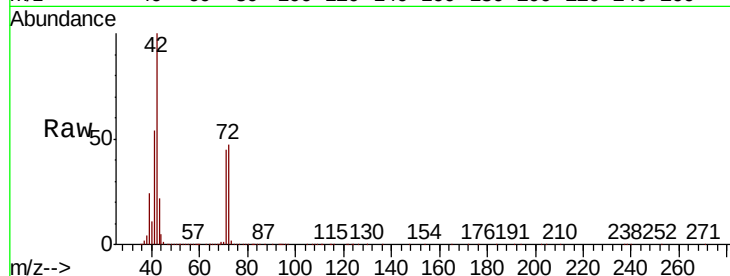
#29
Tetrahydrofuran
Concen: 248.262 ug/l
RT: 5.15 min Scan# 656
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.4	37.8	56.8
71	45.7	35.2	52.8

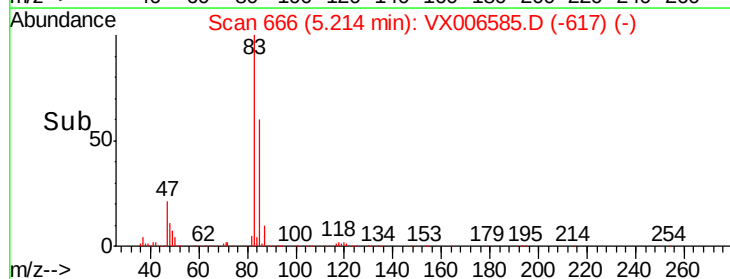
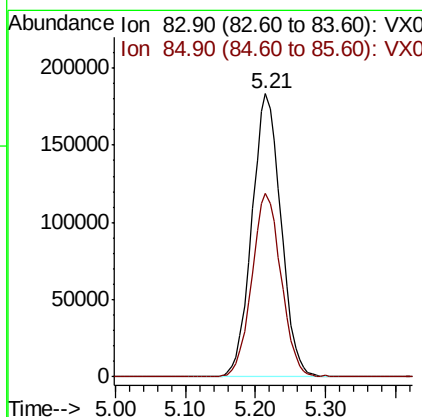
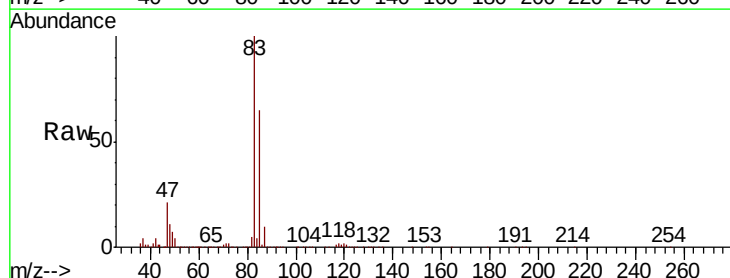
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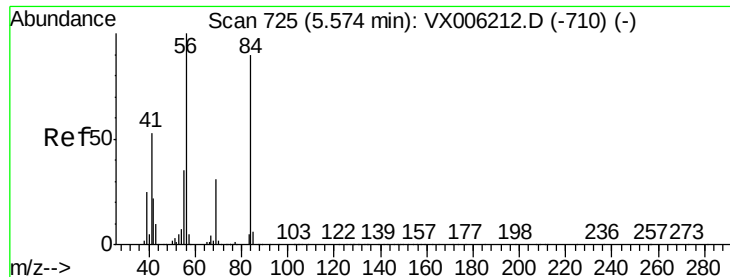
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#30
Chloroform
Concen: 52.680 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	50.3	75.5





#31

Cyclohexane

Concen: 49.813 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

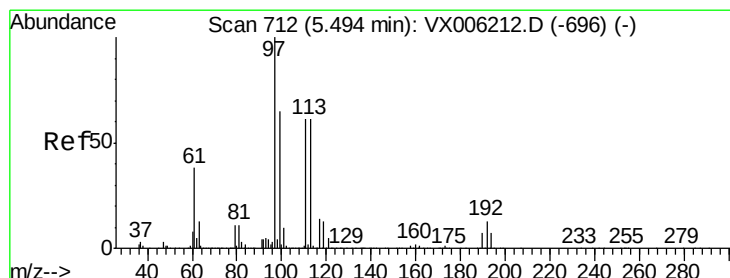
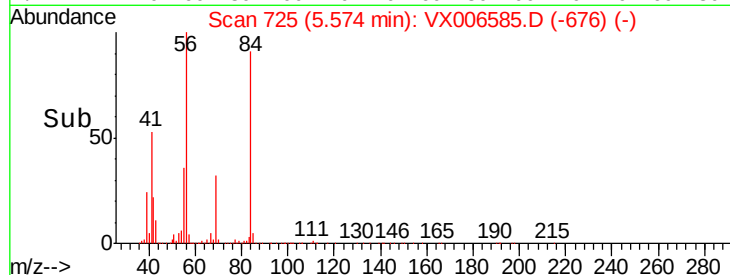
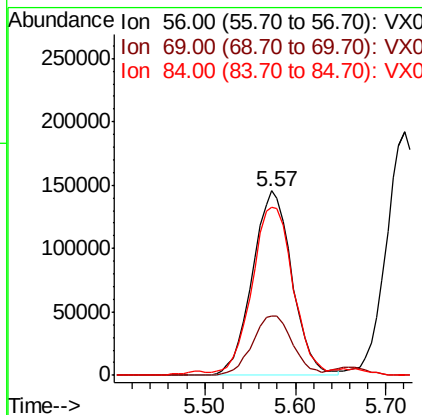
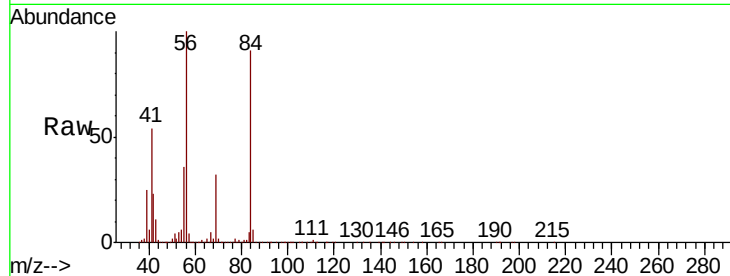
ClientSampleId :

VSTDCCC050EC

Tot Ion:	56	Resp:	440637
Ion	Ratio	Lower	Upper
56	100		
69	32.4	24.5	36.7
84	89.2	71.8	107.6

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#32

1,1,1-Trichloroethane

Concen: 47.672 ug/l

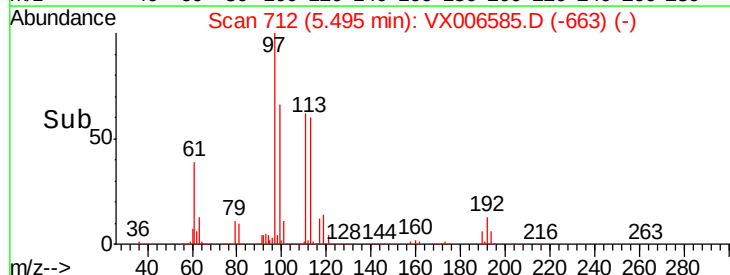
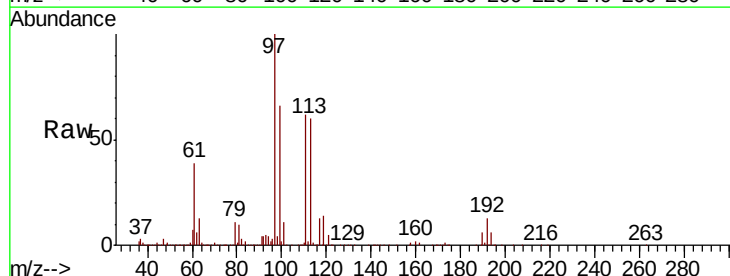
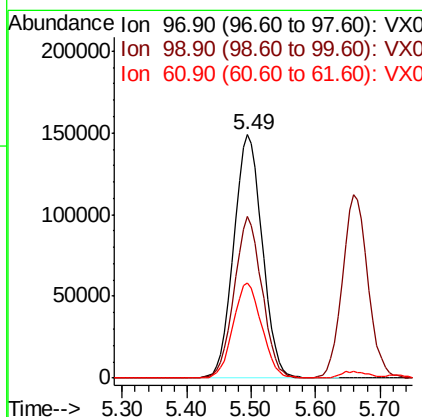
RT: 5.49 min Scan# 712

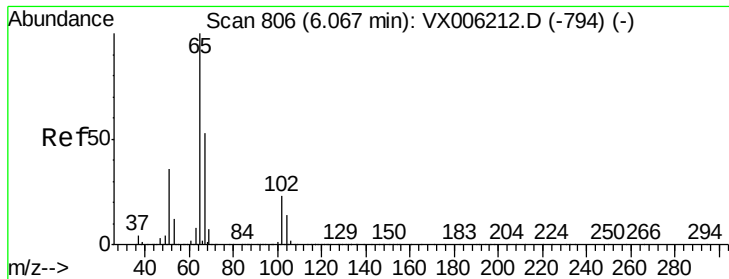
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	97	Resp:	456244
Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	39.4	30.6	46.0





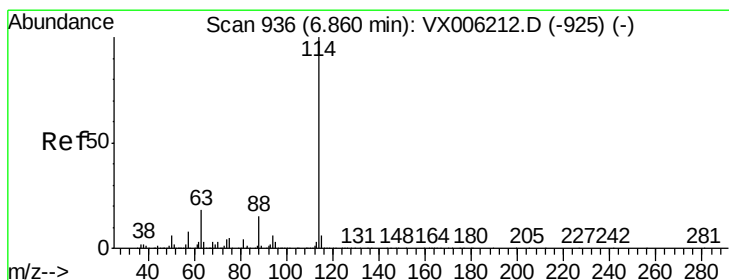
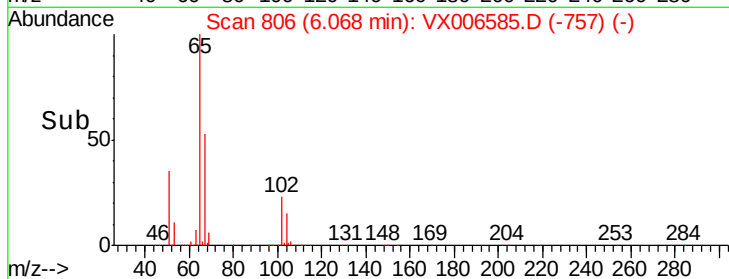
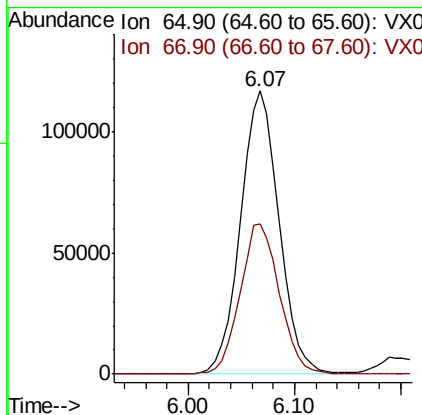
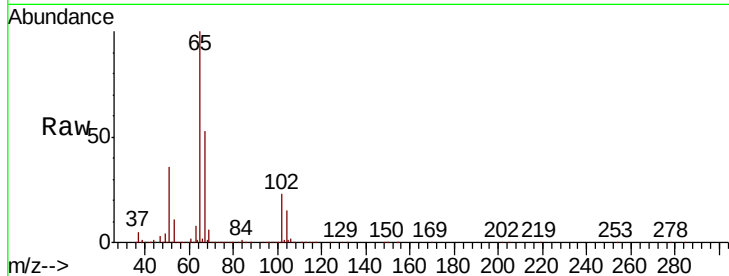
#33
 1,2-Dichloroethane-d4
 Concen: 48.292 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
65	100	295698		
67	54.4	0.0	107.2	

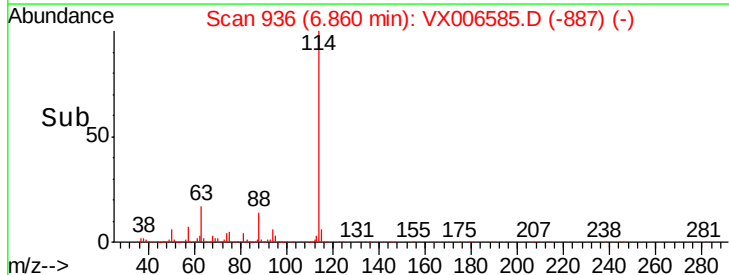
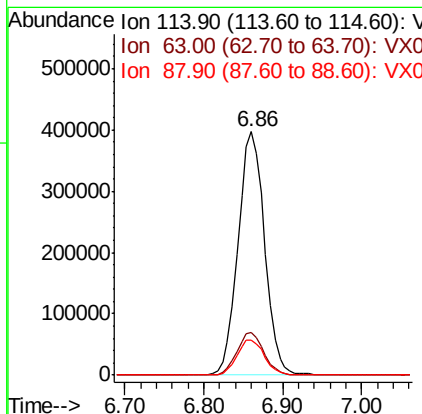
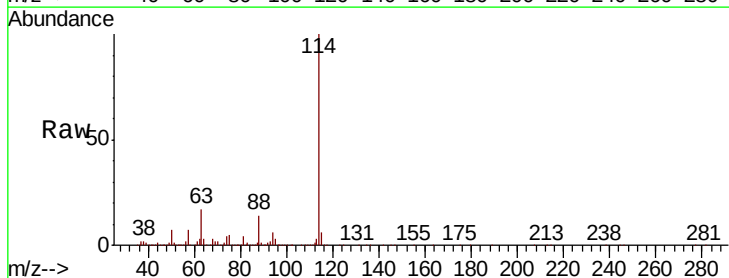
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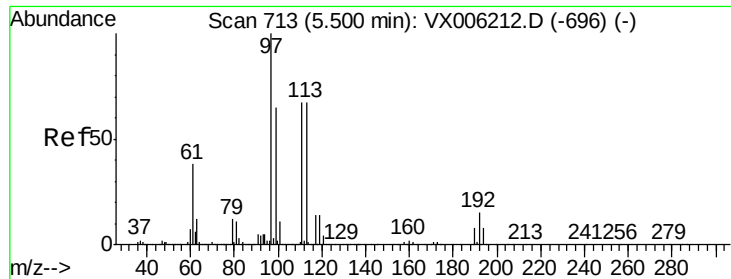
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	930238		
63	17.3	0.0	36.6	
88	14.5	0.0	29.0	





#35

Dibromofluoromethane

Concen: 46.392 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

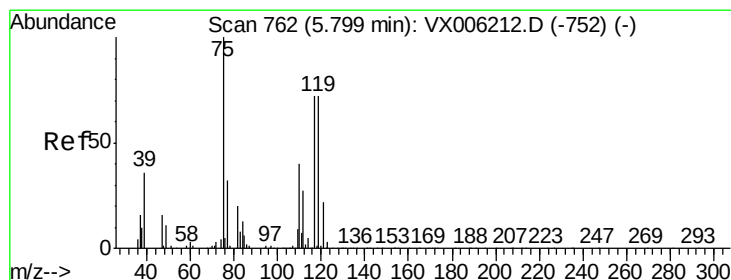
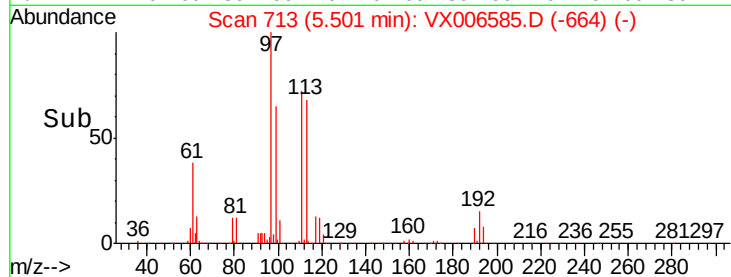
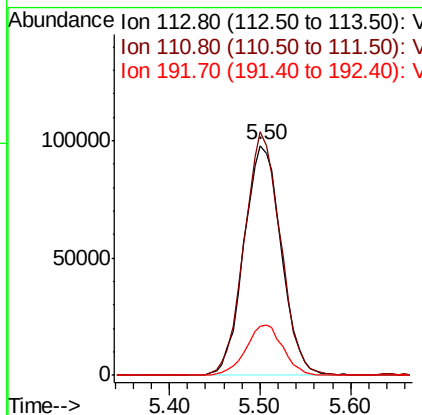
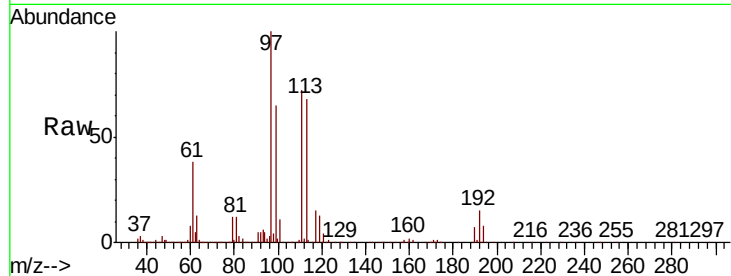
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	279418
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.1	121.7
192	21.7	18.2	27.2

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#36

1,1-Dichloropropene

Concen: 48.964 ug/l

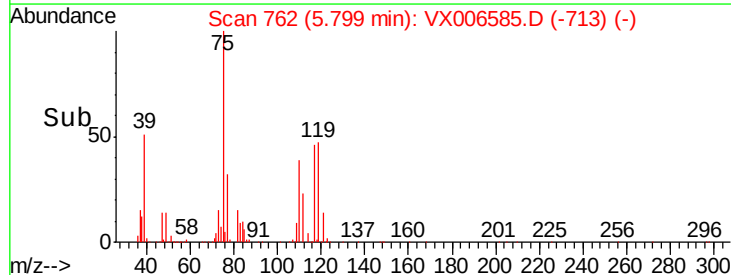
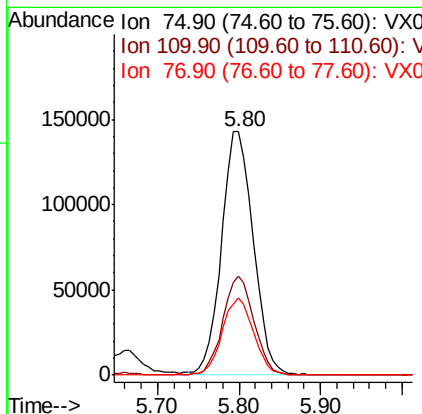
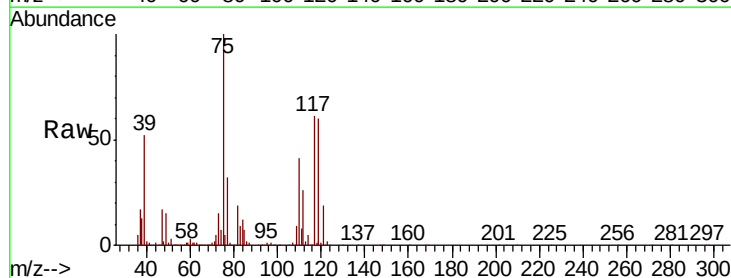
RT: 5.80 min Scan# 762

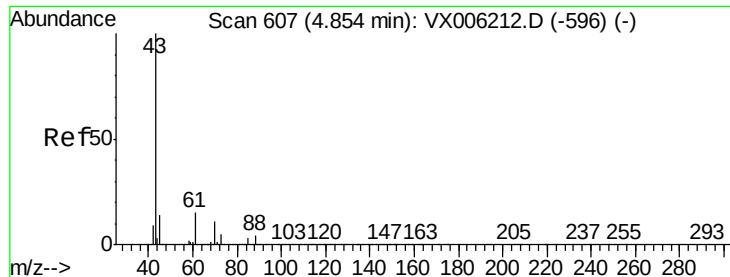
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	75	Resp:	383561
Ion Ratio	Lower	Upper	
75	100		
110	39.8	20.4	61.3
77	31.1	24.9	37.3





#37

Ethyl Acetate

Concen: 46.249 ug/l

RT: 4.86 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

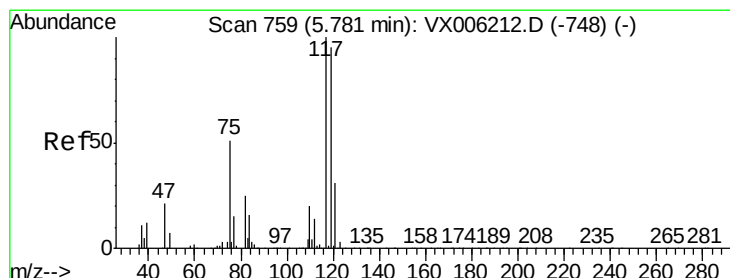
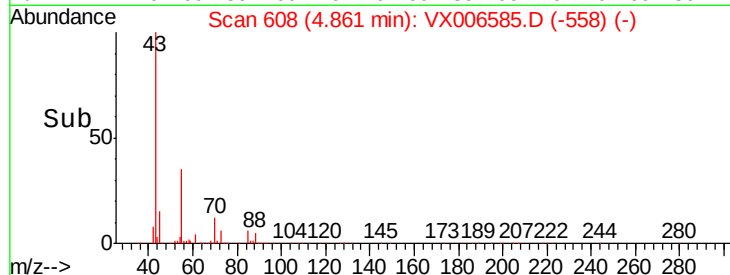
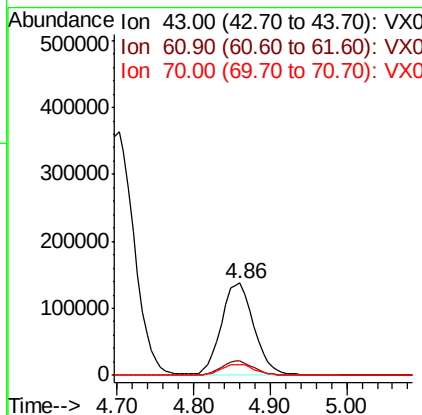
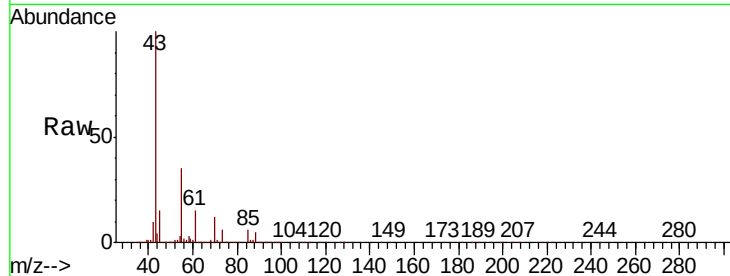
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	405722
Ion	Ratio	Lower	Upper
43	100		
61	15.0	11.5	17.3
70	11.9	9.0	13.6

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#38

Carbon Tetrachloride

Concen: 41.878 ug/l

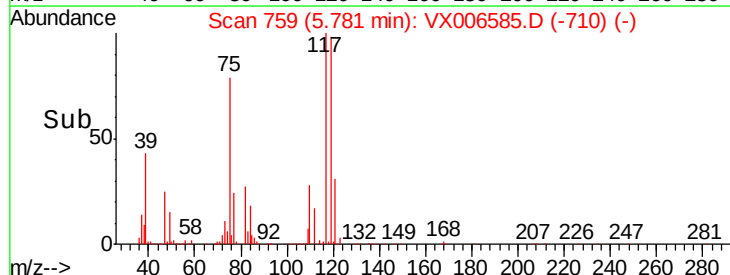
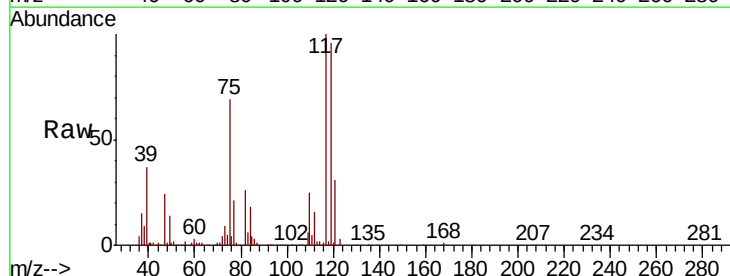
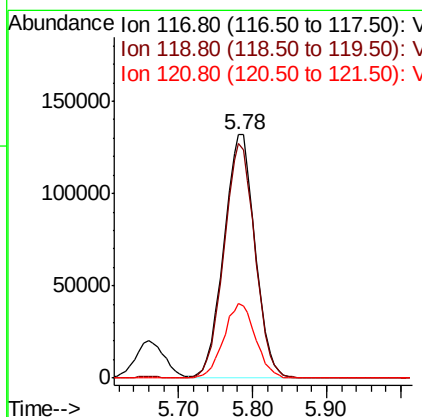
RT: 5.78 min Scan# 759

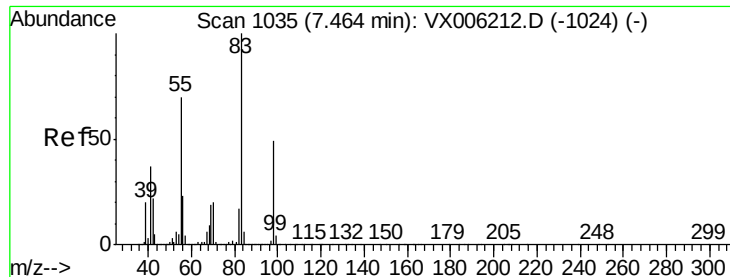
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	117	Resp:	385930
Ion	Ratio	Lower	Upper
117	100		
119	96.4	75.8	113.8
121	30.4	24.6	37.0





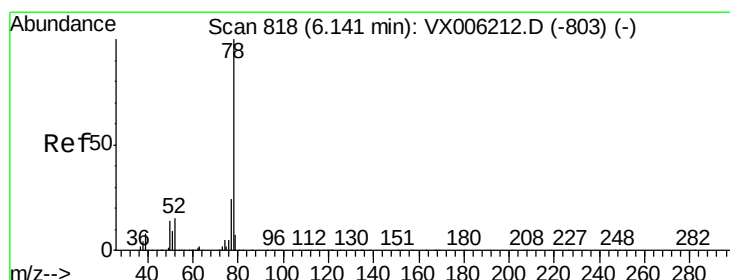
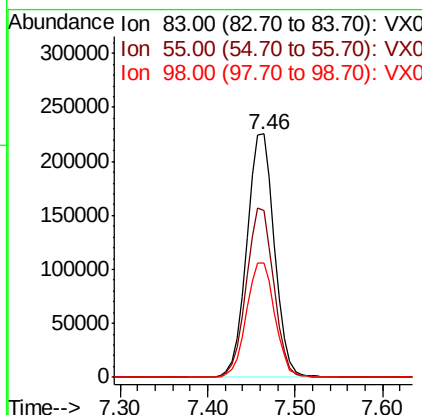
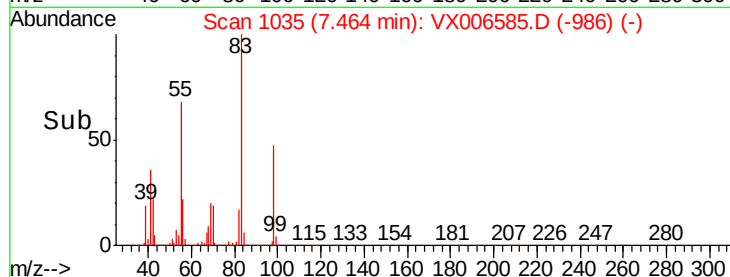
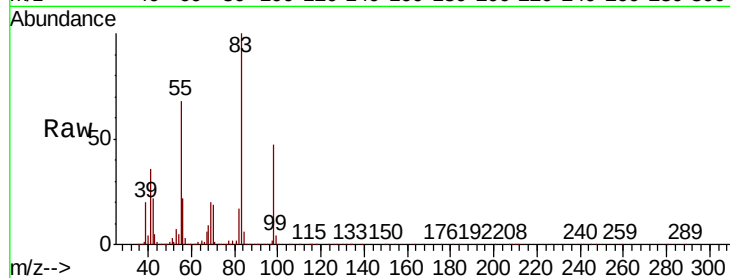
#39
Methylvlcyclohexane
Concen: 48.392 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.3	56.4	84.6
98	47.2	39.0	58.6

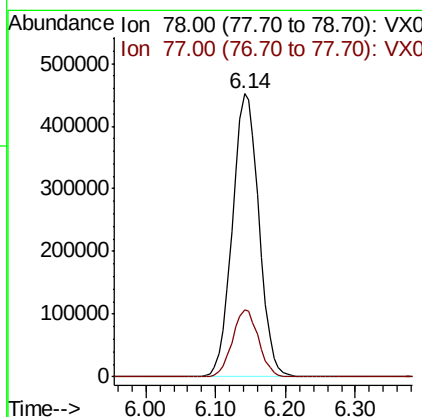
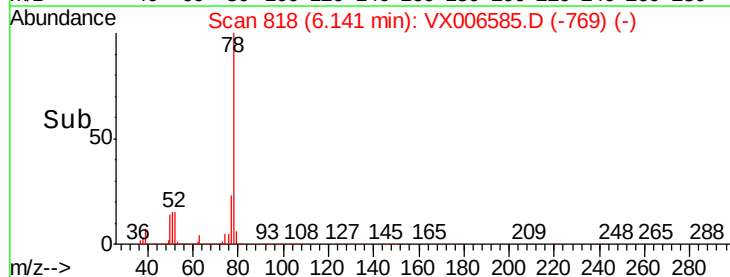
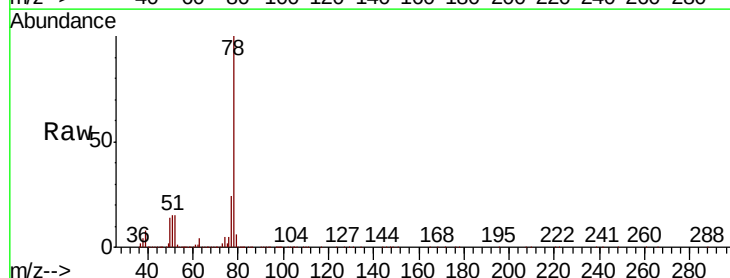
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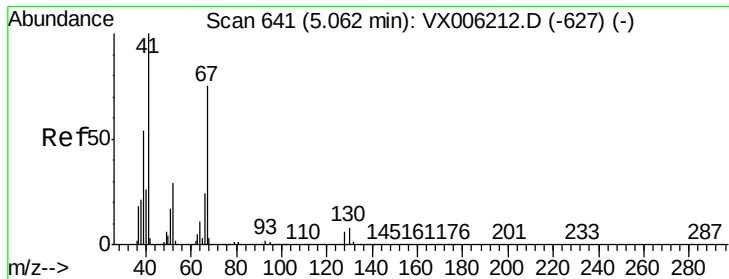
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#40
Benzene
Concen: 50.669 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.6	19.2	28.8





#41

Methacrylonitrile

Concen: 46.474 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

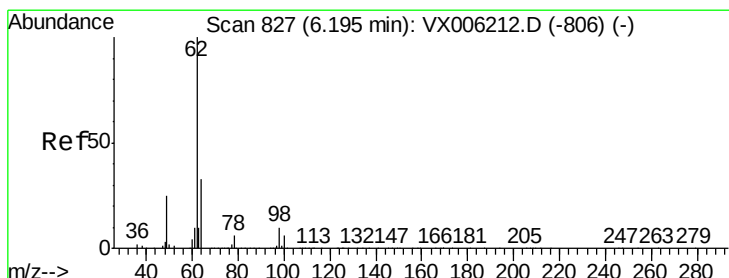
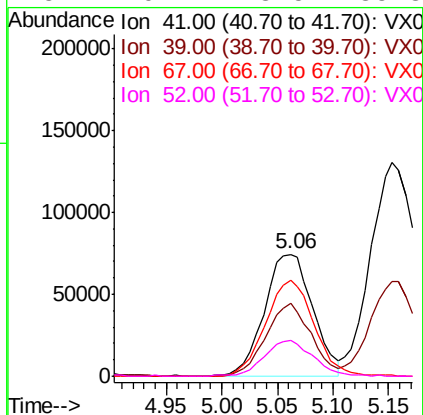
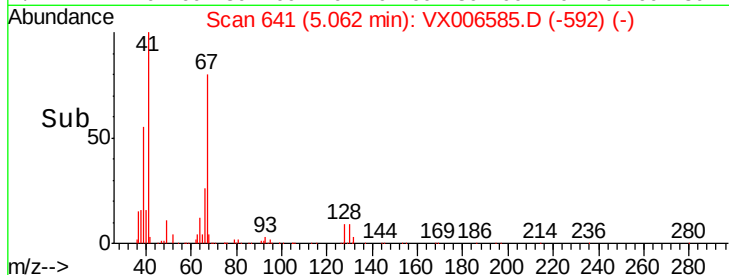
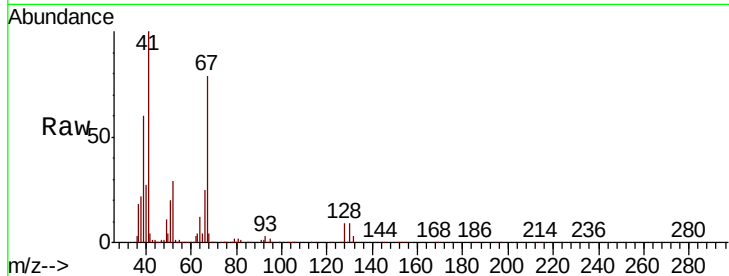
ClientSampleId :

VSTDCCC050EC

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		224338		
39	55.8	44.0	66.0		
67	79.1	61.4	92.0		
52	29.1	23.5	35.3		

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#42

1,2-Dichloroethane

Concen: 51.819 ug/l

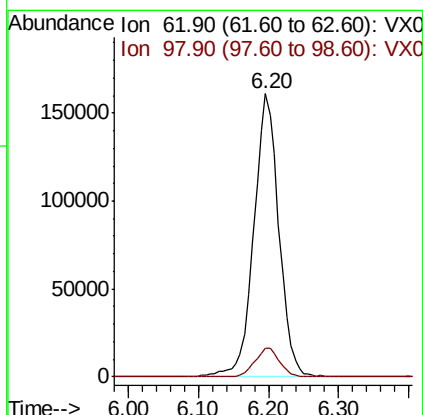
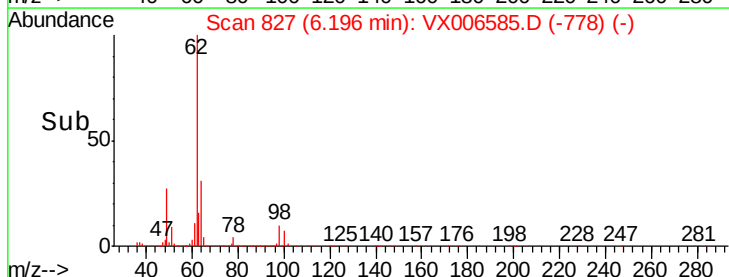
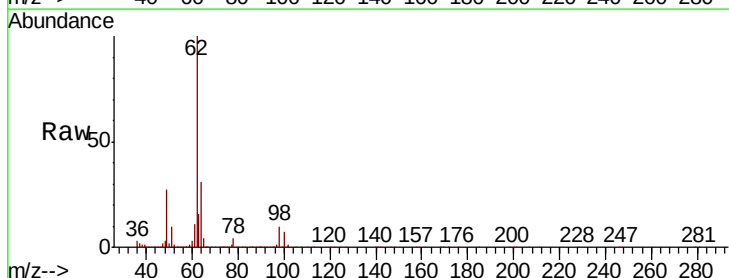
RT: 6.20 min Scan# 827

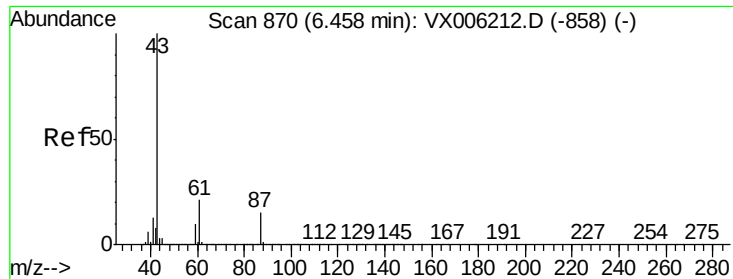
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		397908		
98	10.2	0.0	20.2		





#43

Isopropyl Acetate

Concen: 44.658 ug/l

RT: 6.46 min Scan# 870

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

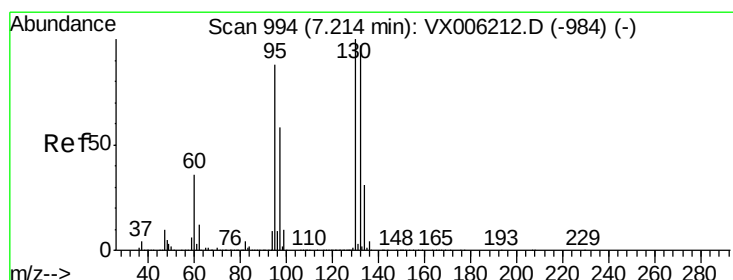
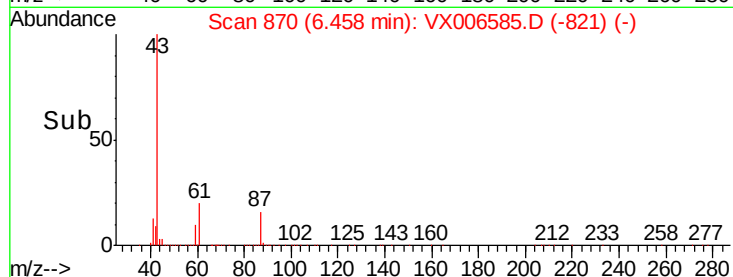
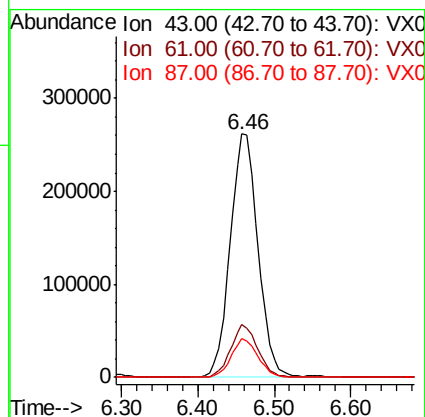
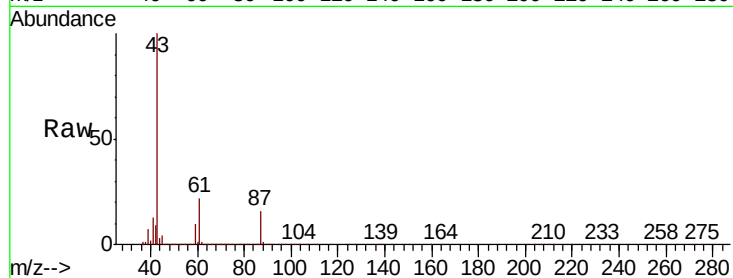
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	653179
Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.4	11.9	17.9

Manual Integrations
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#44

Trichloroethene

Concen: 50.383 ug/l

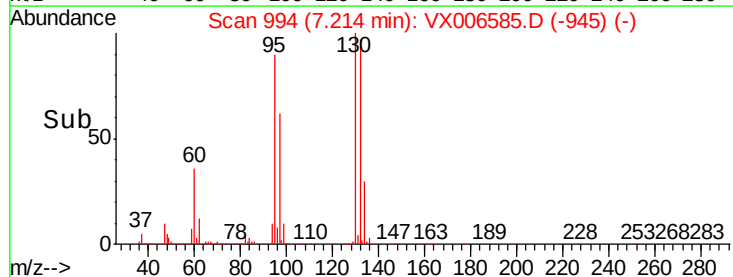
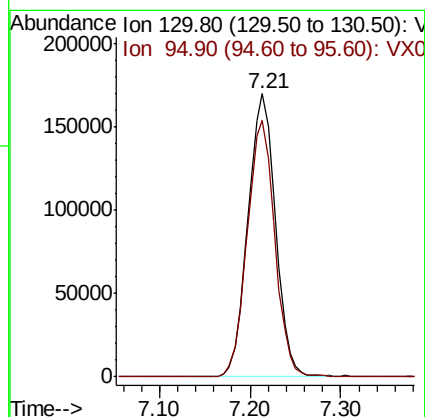
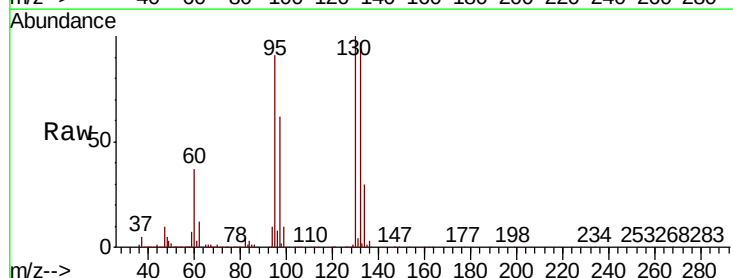
RT: 7.21 min Scan# 994

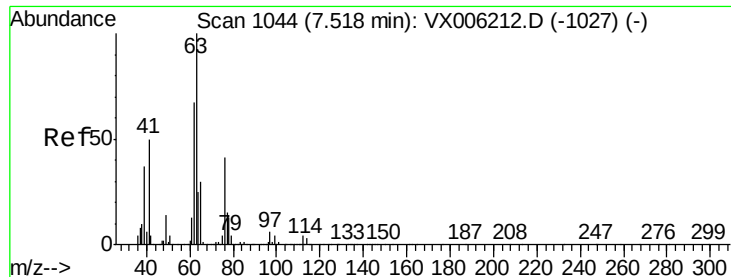
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	130	Resp:	358107
Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8





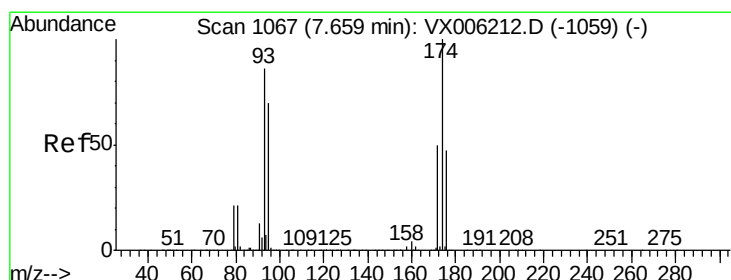
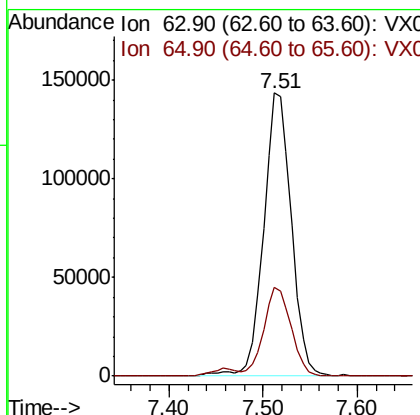
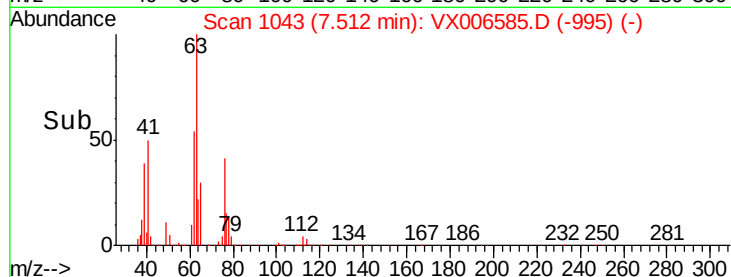
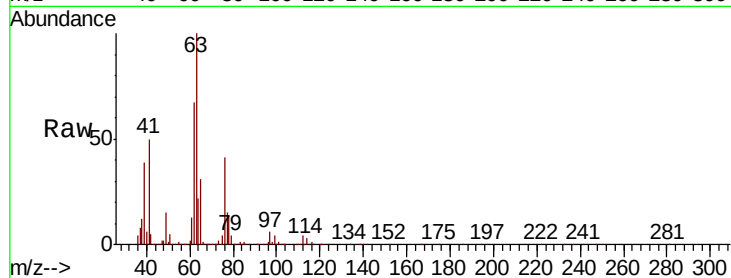
#45
 1,2-Dichloropropane
 Concen: 49.408 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
63	100		
65	31.1	24.3	36.5

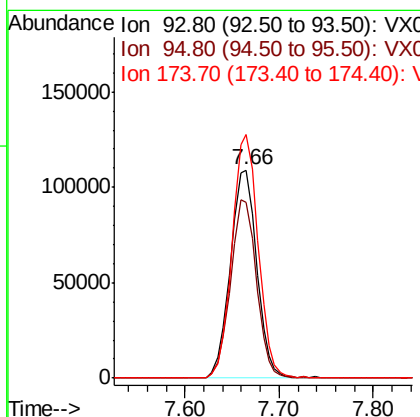
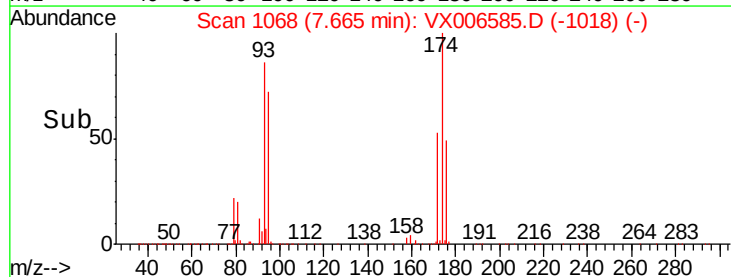
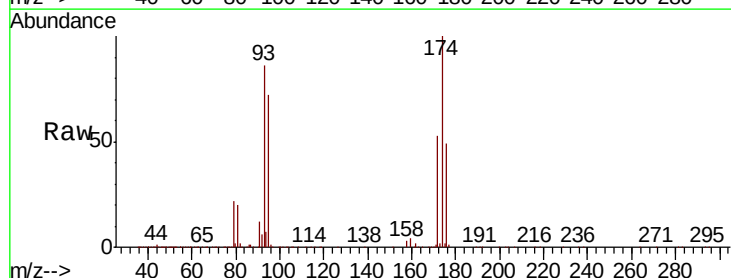
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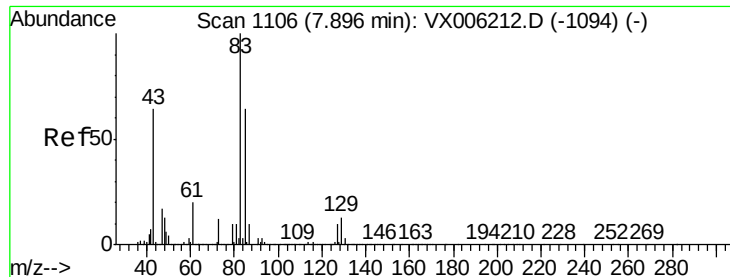
MMDadoda
 12/18/2018 9:45:06 AM



#46
 Dibromomethane
 Concen: 49.542 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
93	100		
95	83.5	66.2	99.4
174	115.2	97.2	145.8





#47

Bromodichloromethane

Concen: 44.616 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

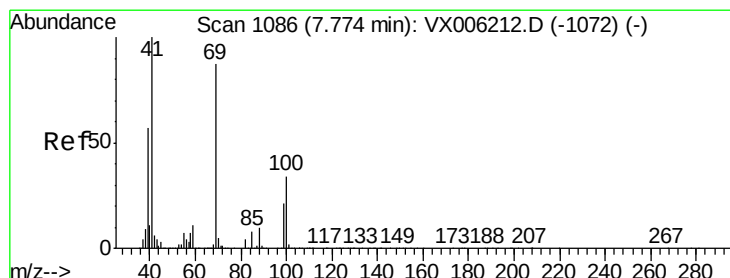
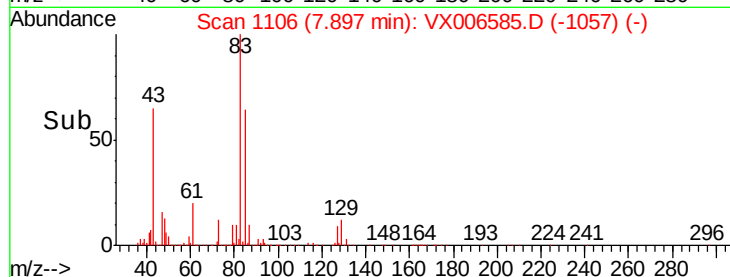
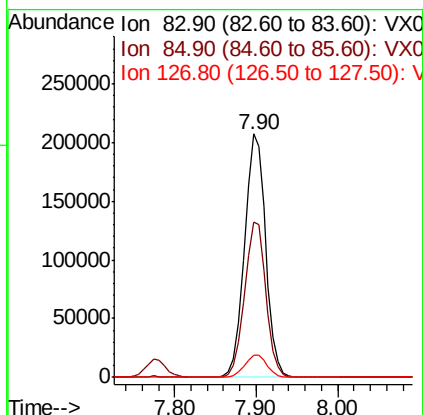
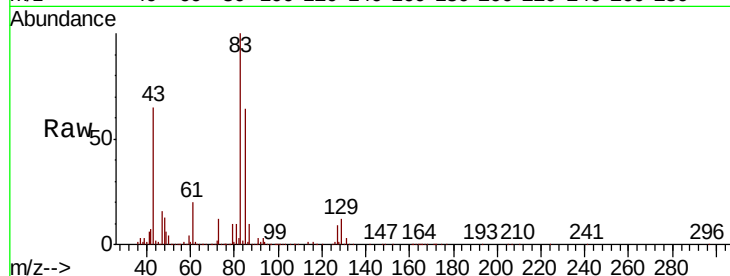
ClientSampleId :

VSTDCCC050EC

Tot Ion:	83	Resp:	372087
Ion Ratio	Lower	Upper	
83	100		
85	63.6	51.4	77.0
127	9.3	7.9	11.9

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#48

Methyl methacrylate

Concen: 46.647 ug/l

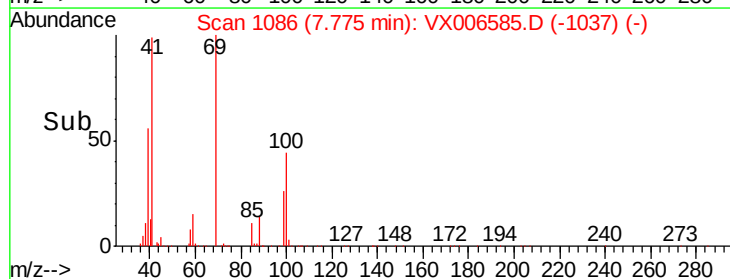
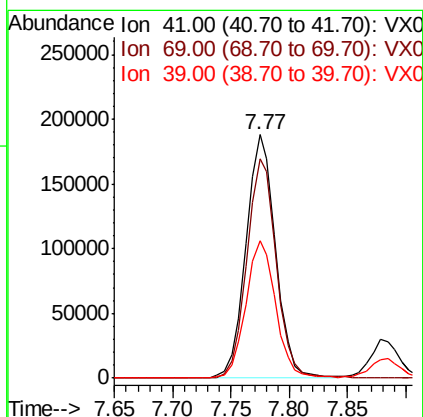
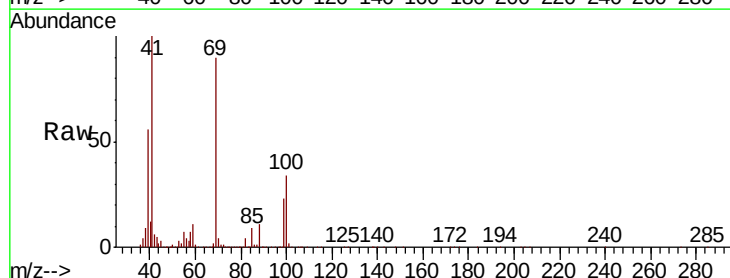
RT: 7.77 min Scan# 1086

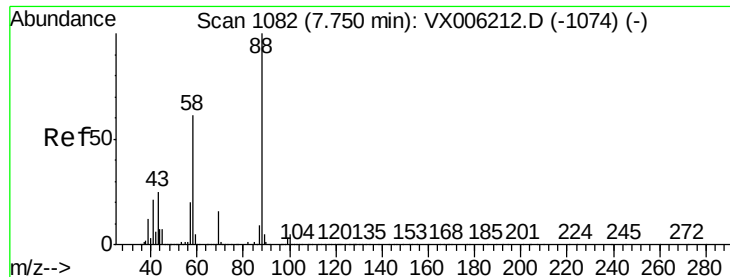
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	41	Resp:	331917
Ion Ratio	Lower	Upper	
41	100		
69	90.4	70.3	105.5
39	56.5	45.3	67.9





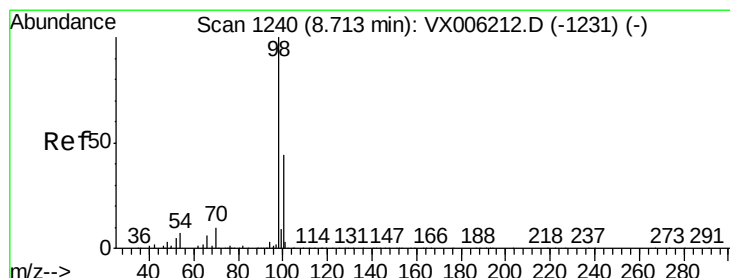
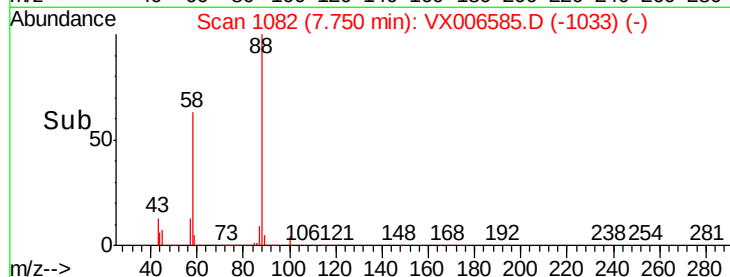
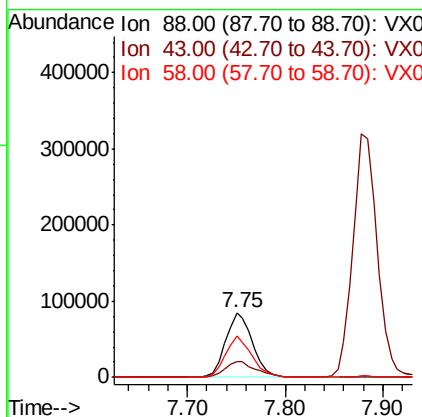
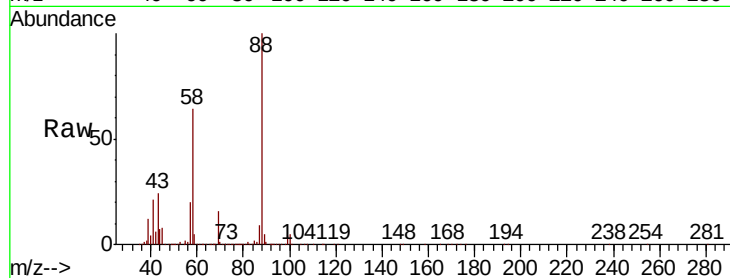
#49
1,4-Dioxane
Concen: 917.960 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.2	23.2	34.8
58	62.2	51.4	77.0

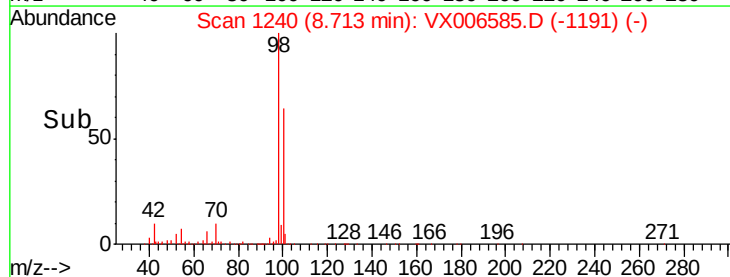
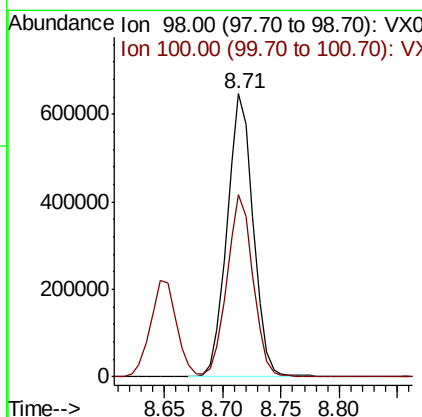
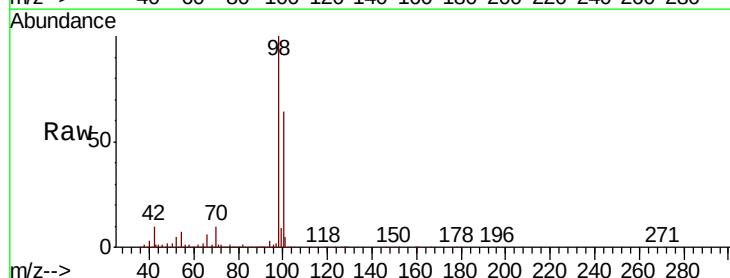
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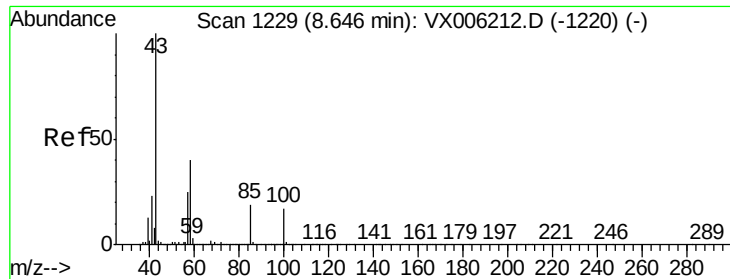
MMDadoda
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#50
Toluene-d8
Concen: 45.804 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.2	78.2





#51

4-Methyl-2-Pentanone

Concen: 240.375 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 2046715

Ion Ratio Lower Upper

43 100

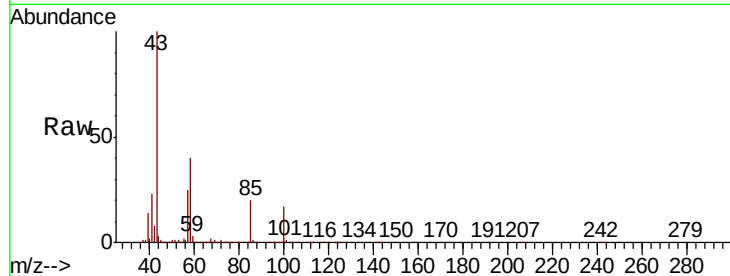
58 39.9 31.3 46.9

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

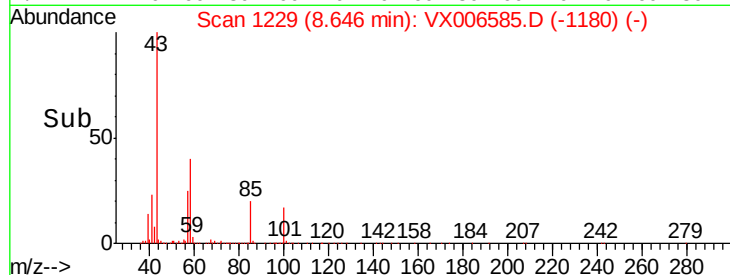
1000000

500000

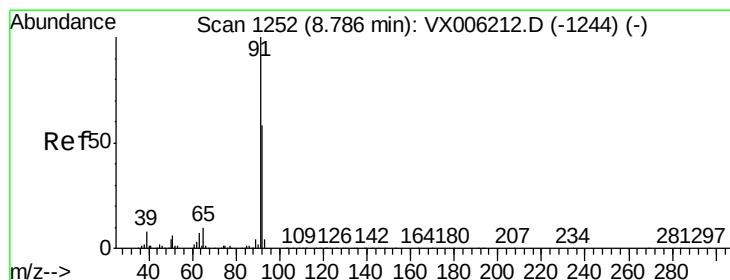
0

8.65

8.60 8.70 8.80



Time-->



#52

Toluene

Concen: 50.440 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006585.D

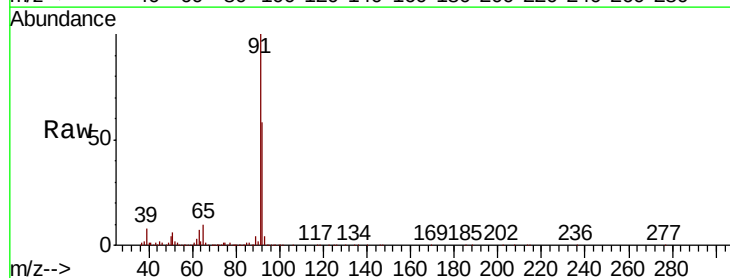
Acq: 17 Dec 2018 20:46

Tgt Ion: 92 Resp: 778580

Ion Ratio Lower Upper

92 100

91 172.5 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

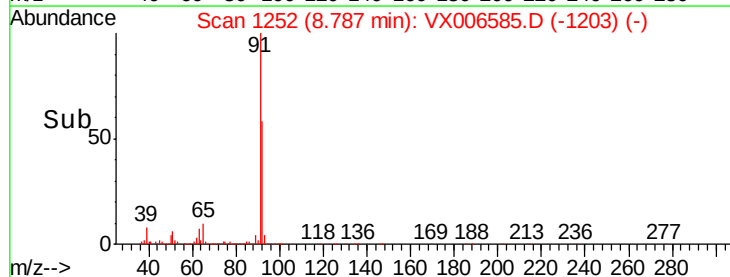
400000

200000

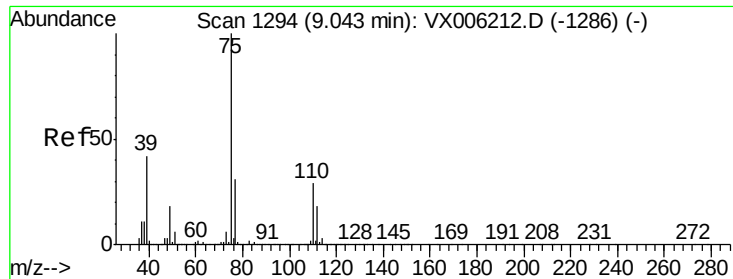
0

8.79

8.70 8.80 8.90



Time-->



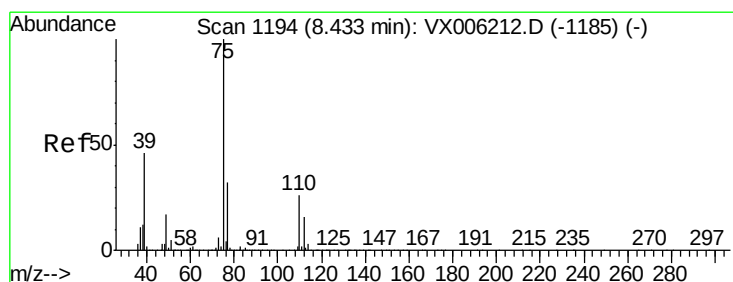
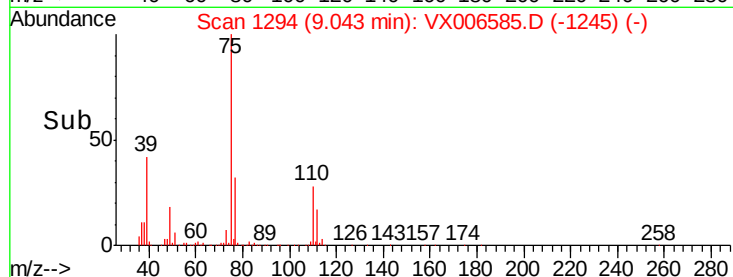
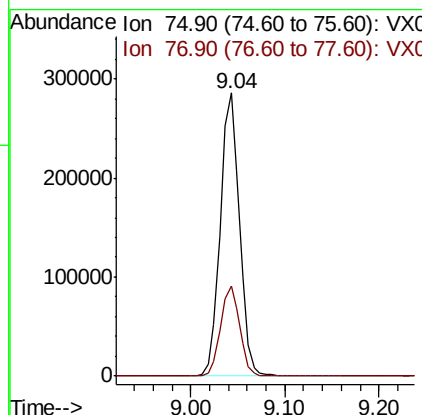
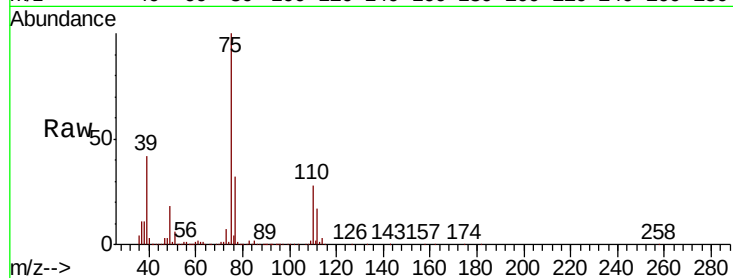
#53
t-1,3-Dichloropropene
Concen: 41.268 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 75 Resp: 402508
Ion Ratio Lower Upper
75 100
77 31.8 25.0 37.4

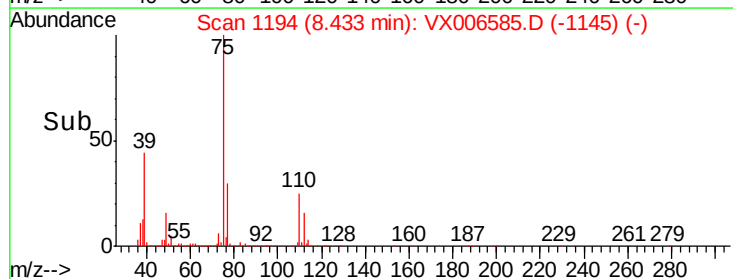
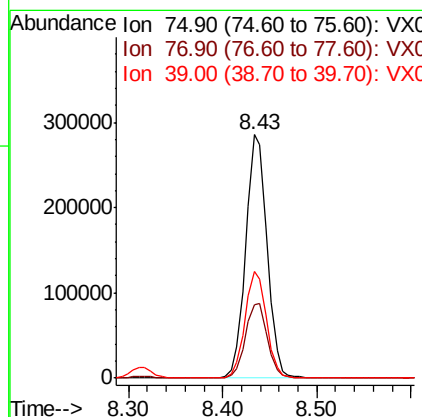
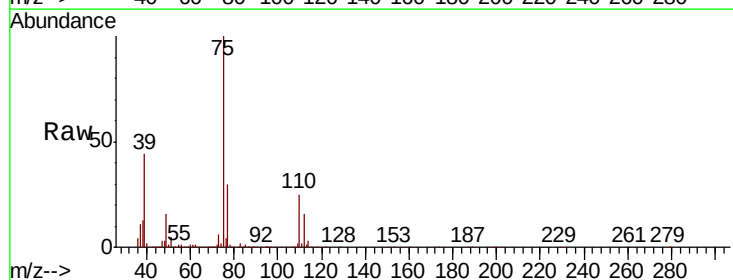
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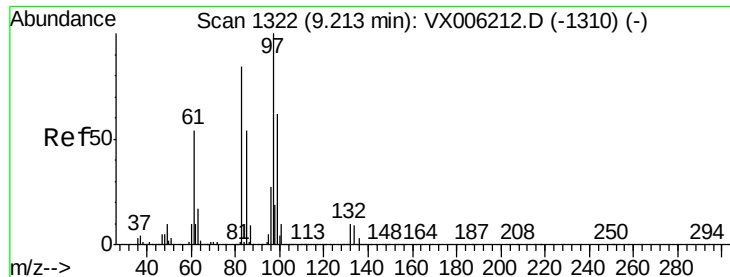
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#54
cis-1,3-Dichloropropene
Concen: 44.271 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 75 Resp: 448368
Ion Ratio Lower Upper
75 100
77 30.0 25.6 38.4
39 43.7 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 51.585 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

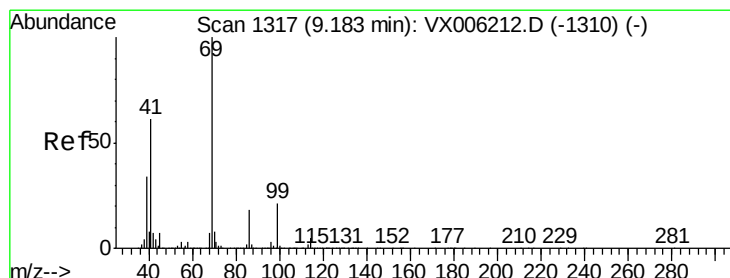
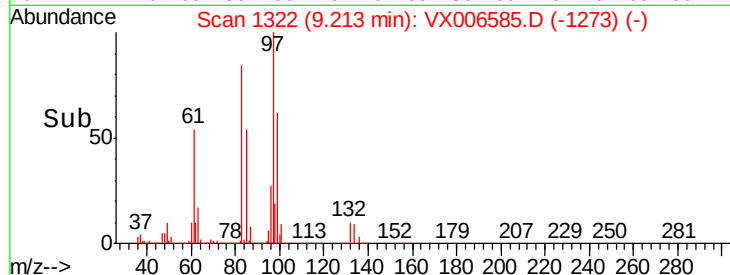
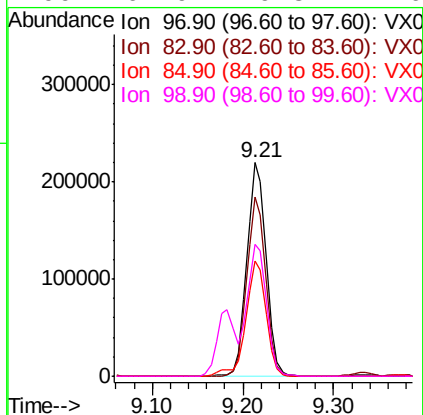
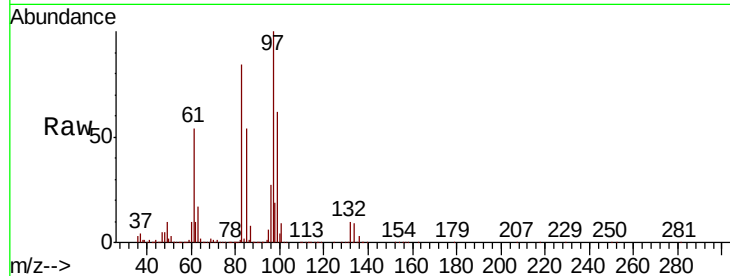
ClientSampleId :

VSTDCCC050EC

Tot Ion:	97	Resp:	323485
Ion	Ratio	Lower	Upper
97	100		
83	83.6	67.1	100.7
85	54.0	43.2	64.8
99	61.9	49.8	74.6

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#56

Ethyl methacrylate

Concen: 46.652 ug/l

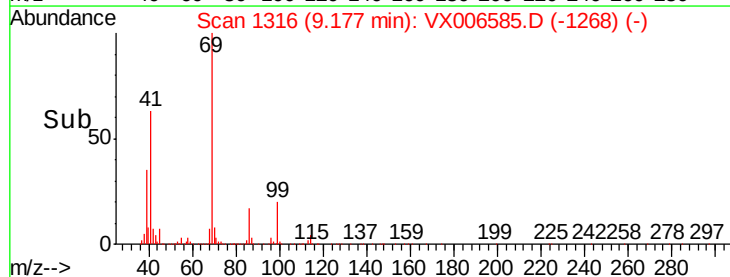
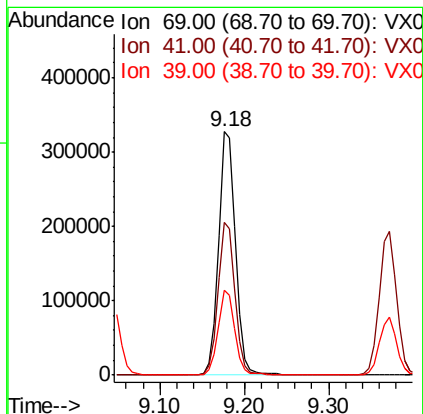
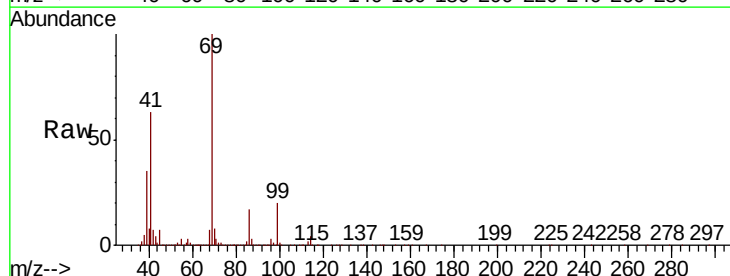
RT: 9.18 min Scan# 1316

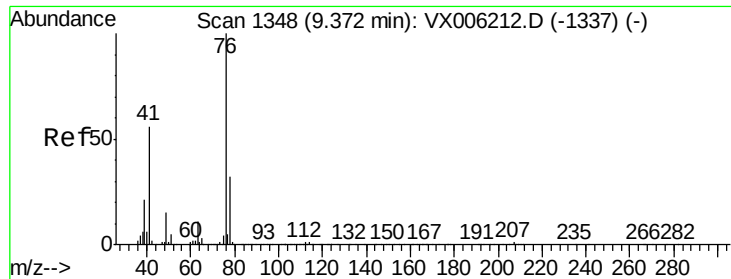
Delta R.T. -0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	69	Resp:	457350
Ion	Ratio	Lower	Upper
69	100		
41	62.5	50.6	76.0
39	34.0	27.6	41.4





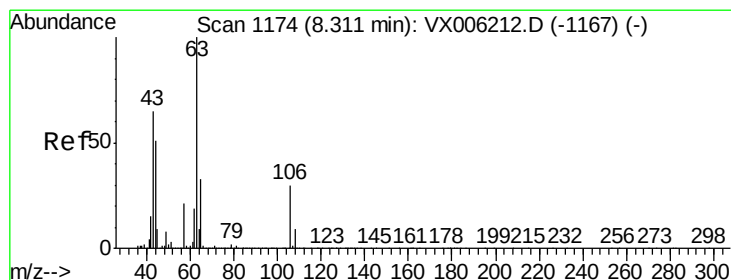
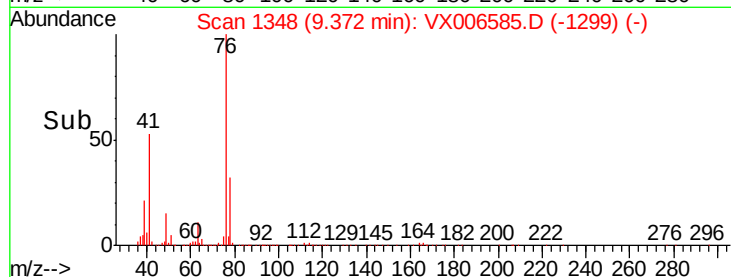
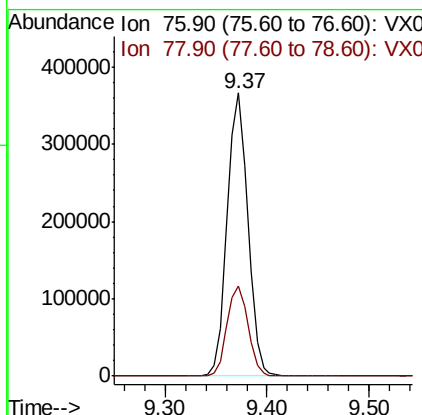
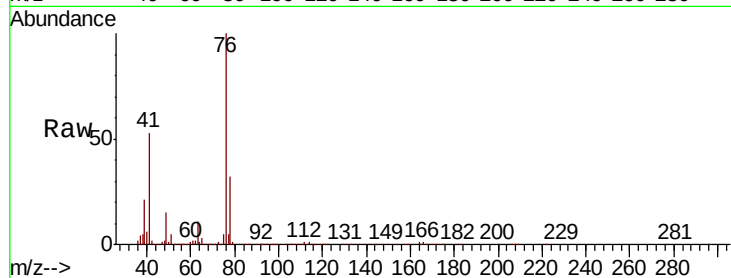
#57
 1,3-Dichloropropane
 Concen: 51.784 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.5	26.1	39.1

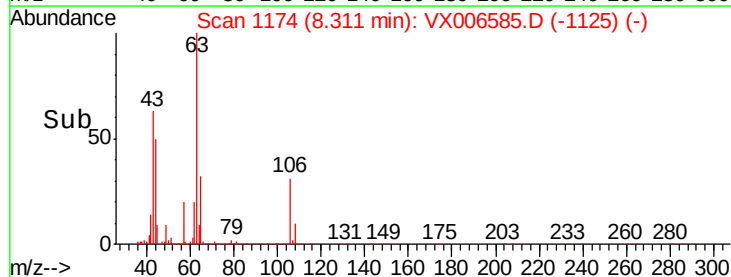
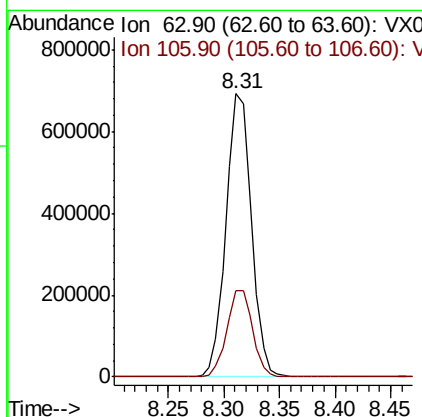
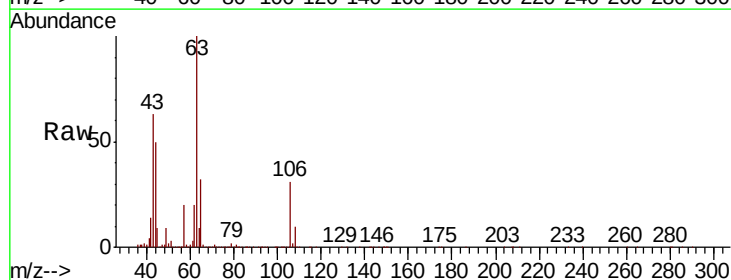
Manual Integrations
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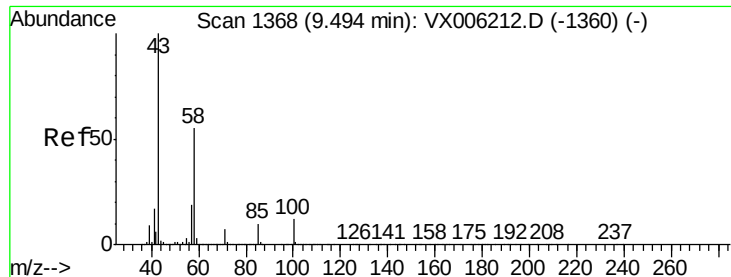
MMDadoda
 12/18/2018 9:45:06 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 220.344 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
63	100		
106	31.2	24.9	37.3





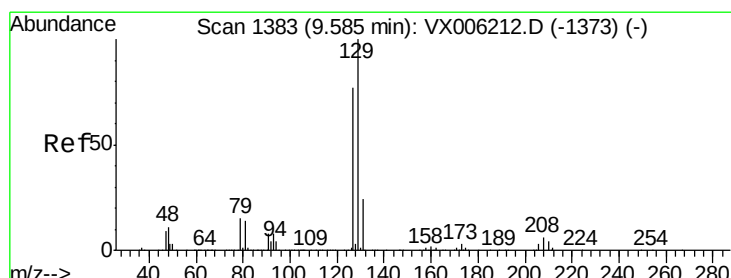
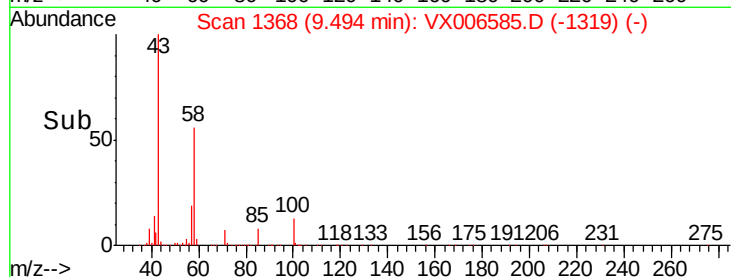
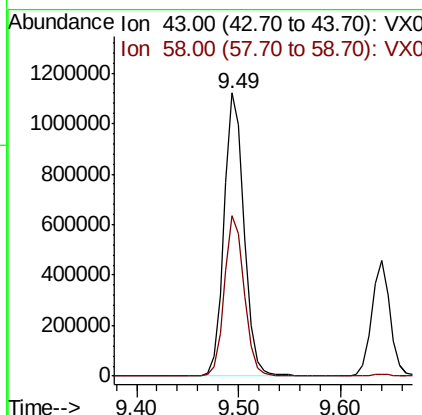
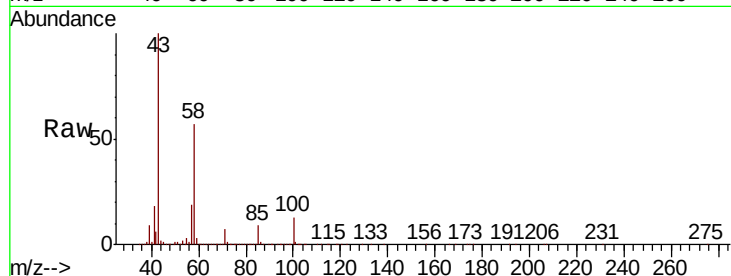
#59
2-Hexanone
Concen: 233.764 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1520686
Ion Ratio Lower Upper
43 100
58 56.3 27.7 83.1

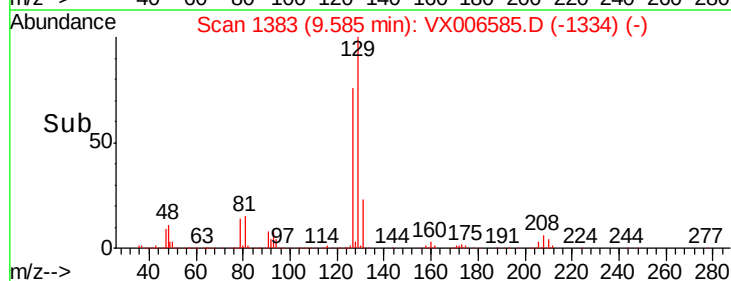
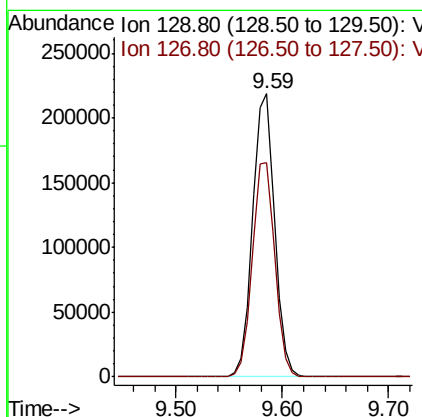
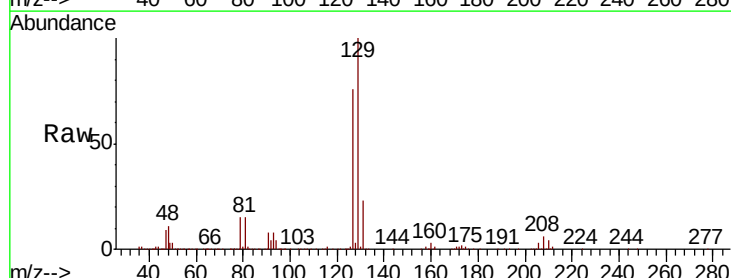
Manual Integrations
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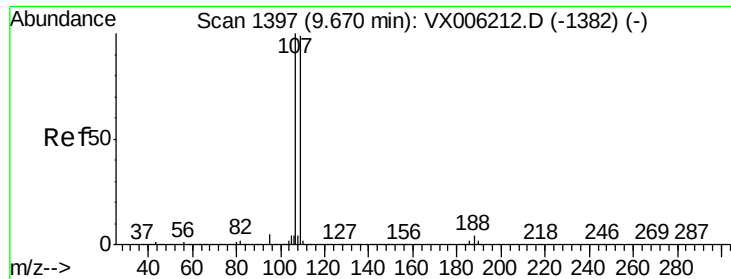
MMDadoda
12/18/2018 9:45:06 AM



#60
Dibromochloromethane
Concen: 41.214 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 129 Resp: 318686
Ion Ratio Lower Upper
129 100
127 77.4 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.816 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 349299

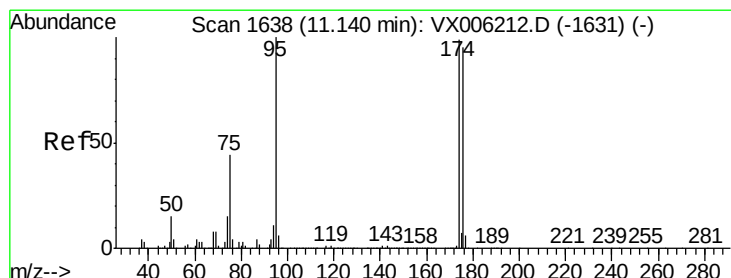
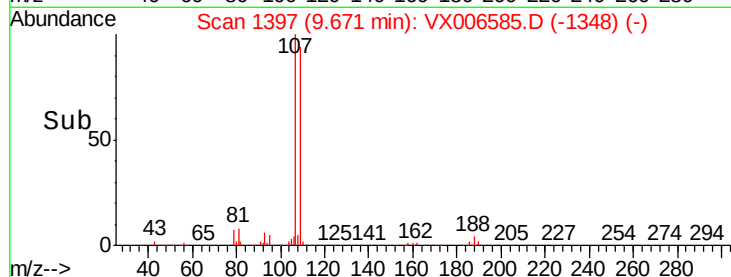
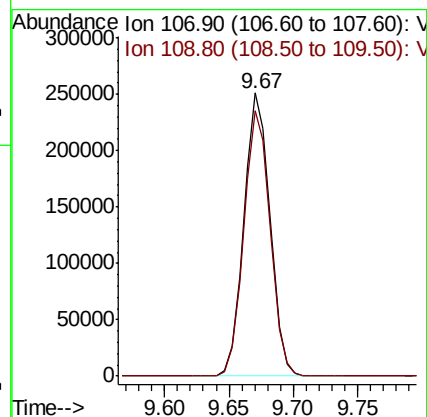
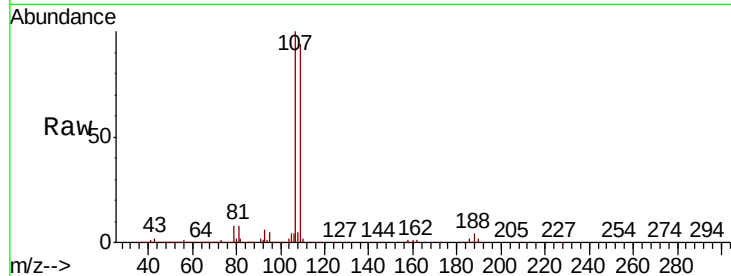
Ion Ratio Lower Upper

107 100

109 95.2 76.3 114.5

Manual Integrations
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#62

4-Bromofluorobenzene

Concen: 45.677 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

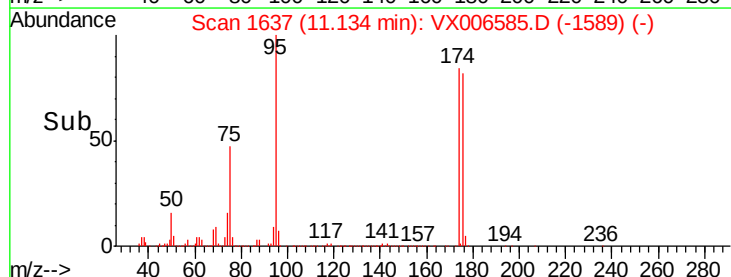
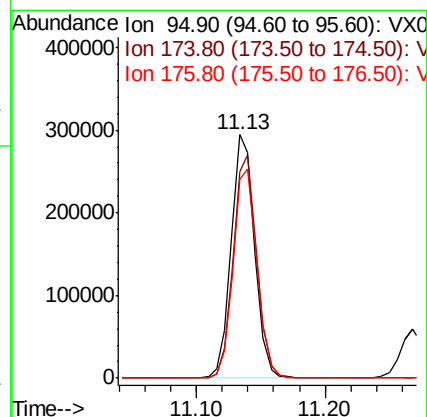
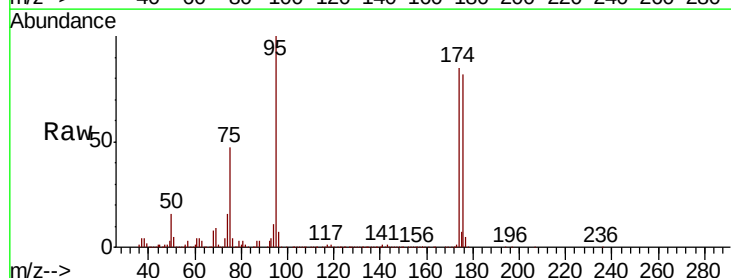
Tgt Ion: 95 Resp: 377085

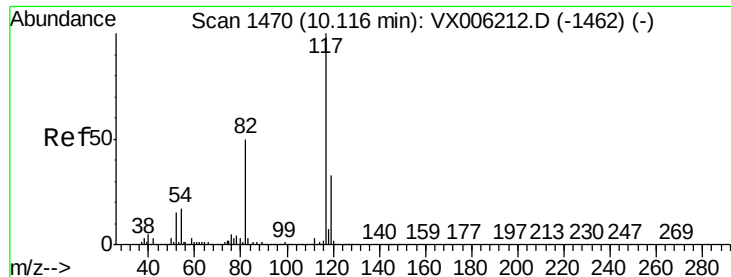
Ion Ratio Lower Upper

95 100

174 92.0 0.0 187.0

176 87.2 0.0 181.8





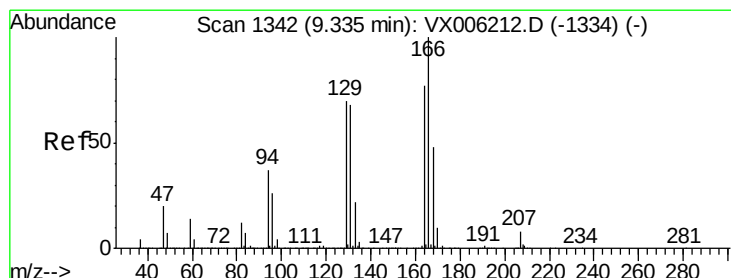
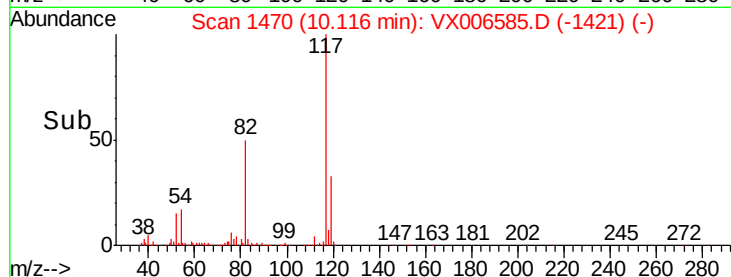
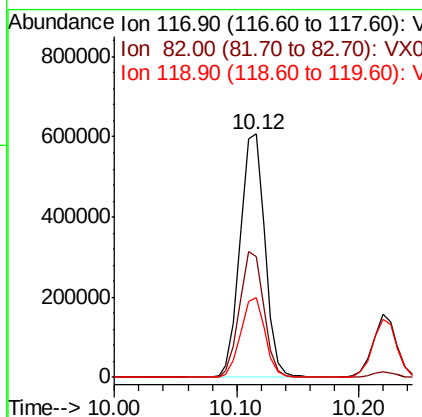
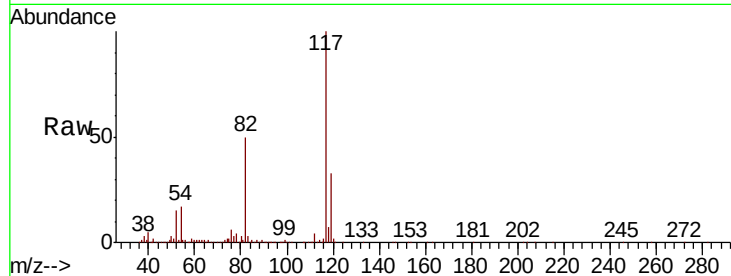
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.5	39.6	59.4
119	32.8	26.3	39.5

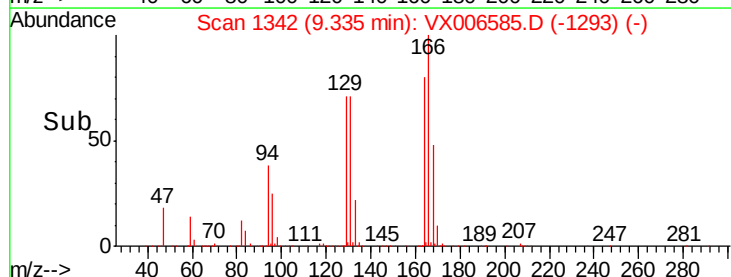
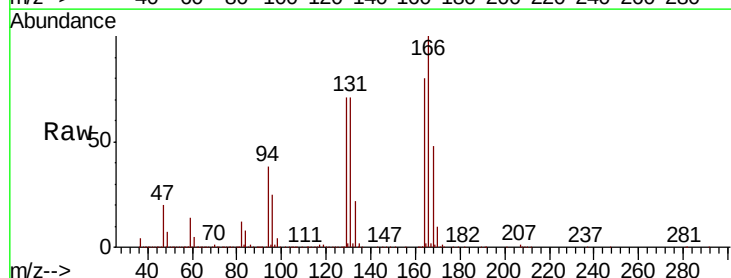
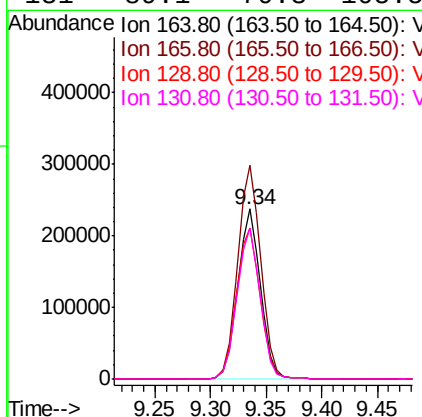
Manual Integrations
APPROVED

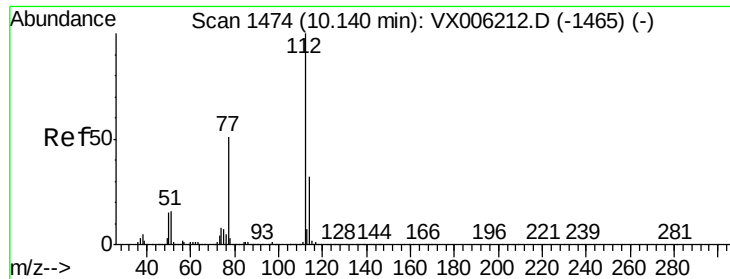
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#64
Tetrachloroethene
Concen: 52.189 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	104.2	156.2
129	89.1	72.6	108.8
131	89.1	70.3	105.5





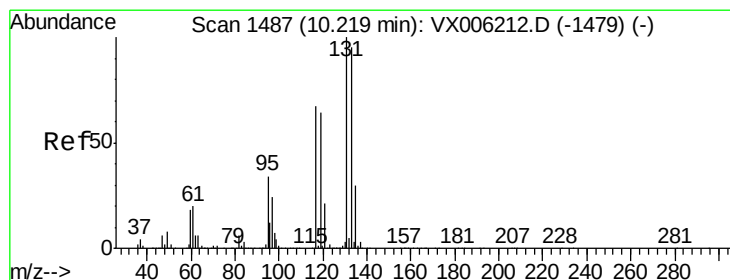
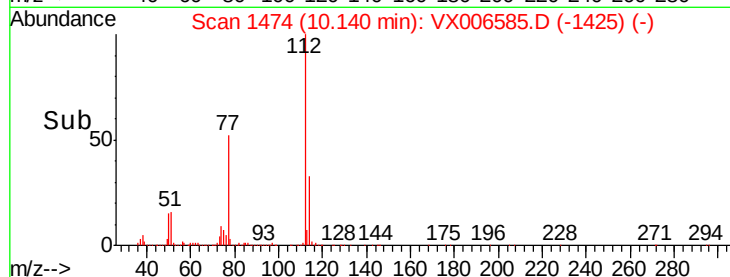
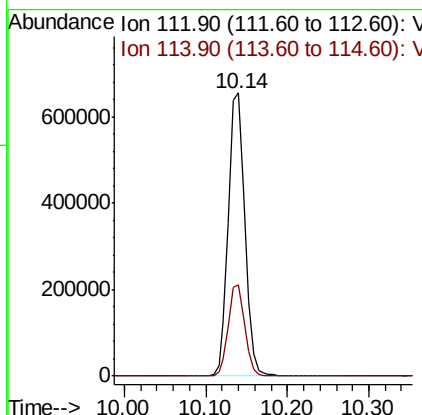
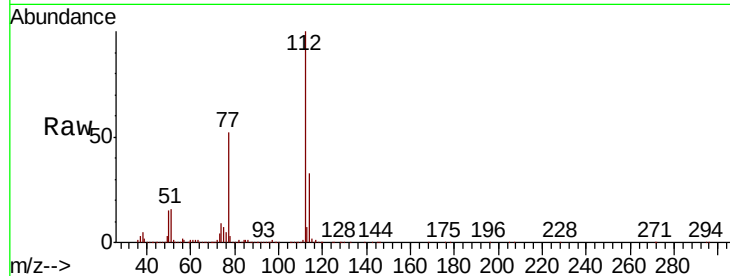
#65
Chlorobenzene
Concen: 50.409 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
112	100		
114	32.5	25.4	38.2

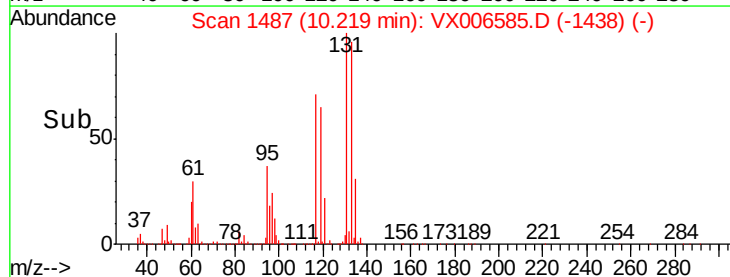
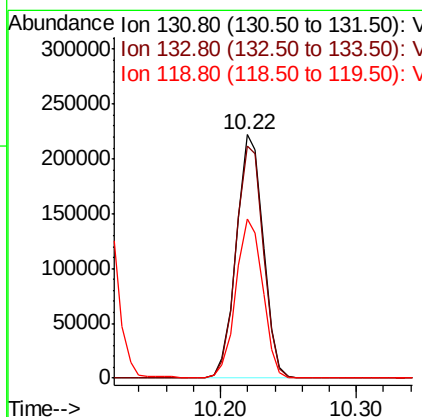
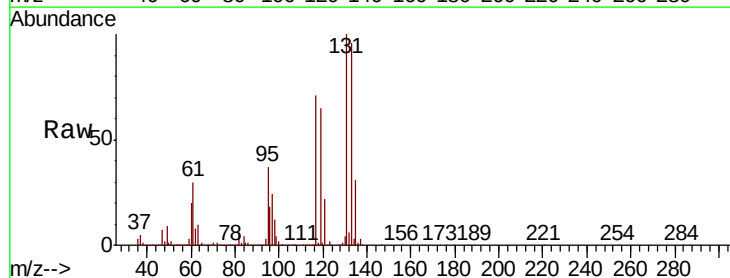
Manual Integrations
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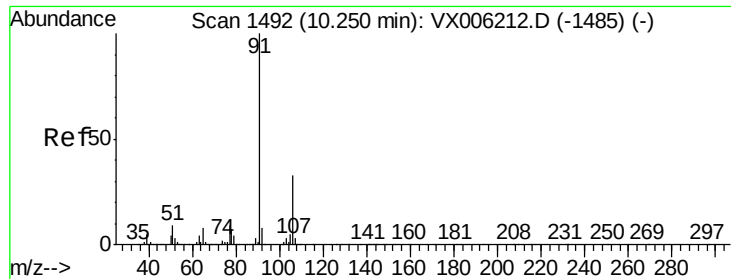
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#66
1,1,1,2-Tetrachloroethane
Concen: 43.517 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
131	100		
133	97.2	48.1	144.4
119	65.3	32.1	96.3





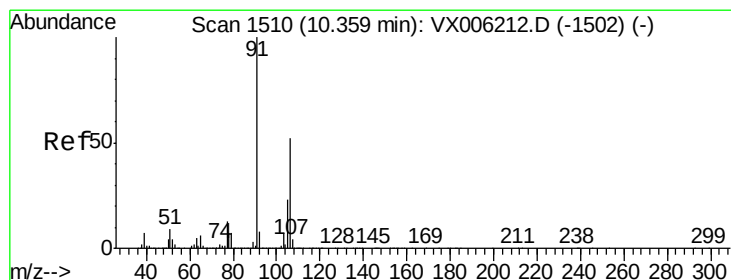
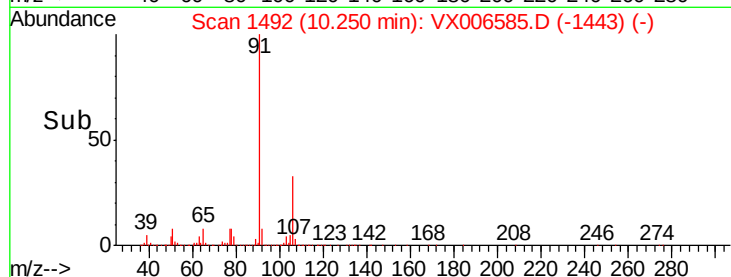
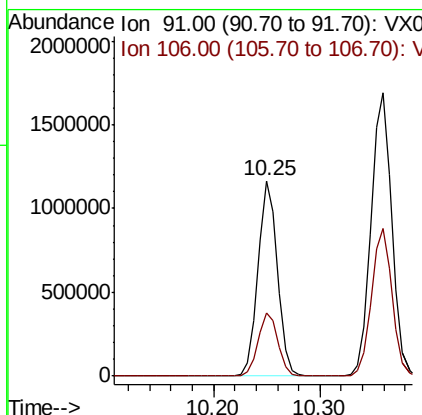
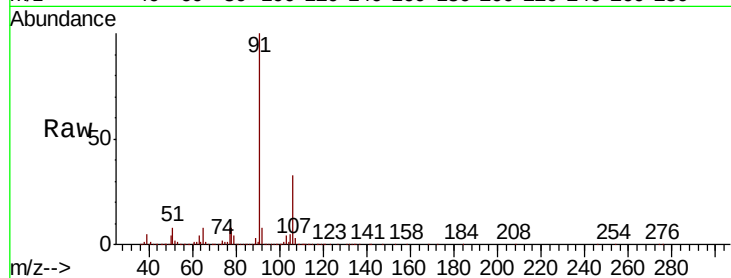
#67
Ethyl Benzene
Concen: 49.967 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1502776
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7

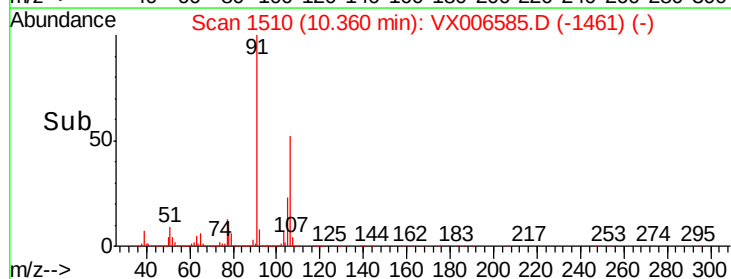
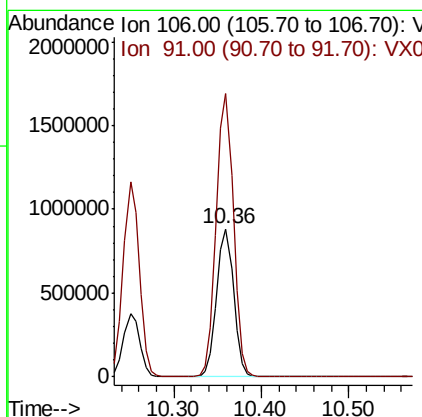
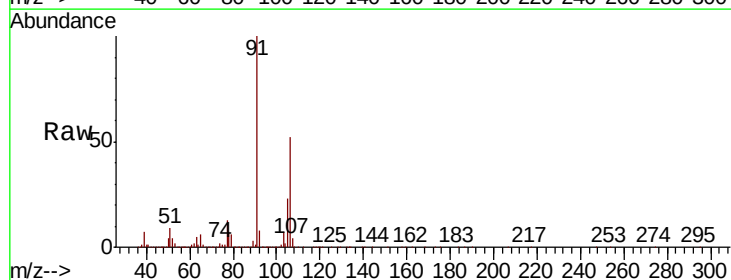
Manual Integrations
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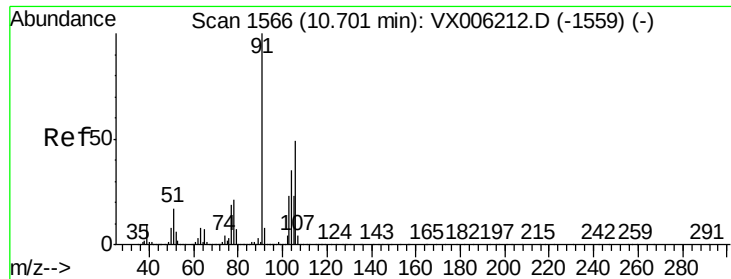
MMDadoda
12/18/2018 9:45:06 AM



#68
m/p-Xylenes
Concen: 98.996 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion: 106 Resp: 1192642
Ion Ratio Lower Upper
106 100
91 193.2 155.2 232.8





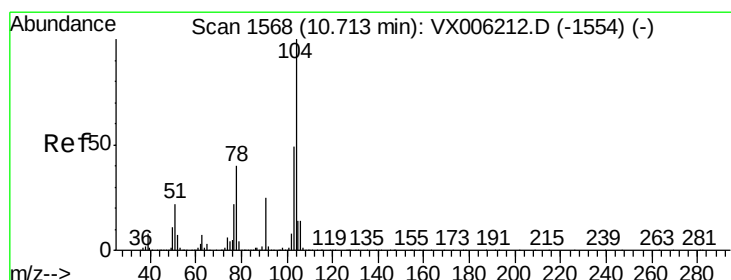
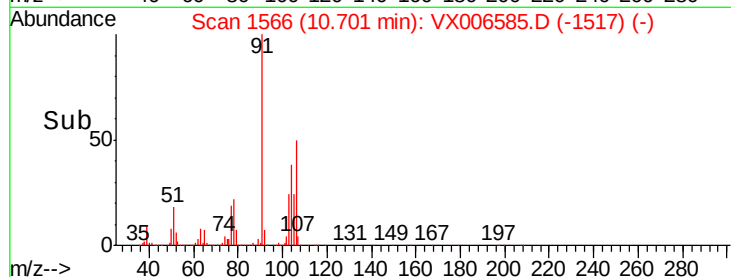
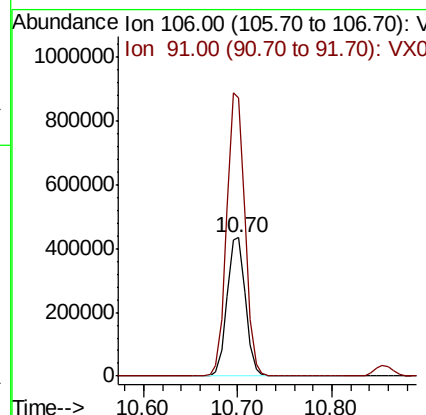
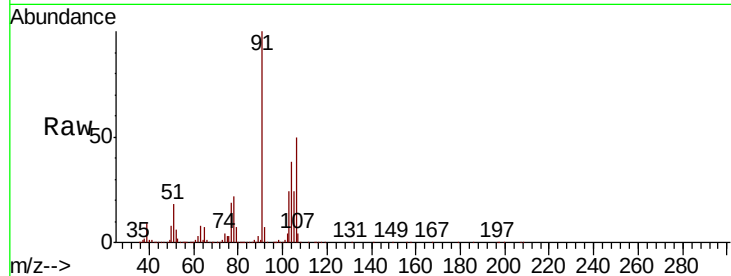
#69
o-Xylene
Concen: 49.364 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	202.5	101.8	305.6

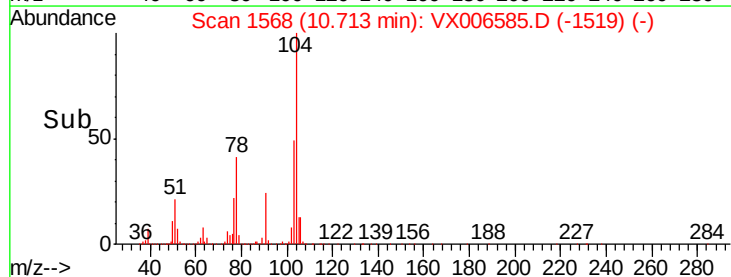
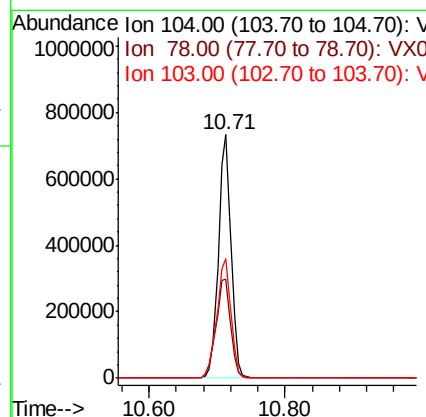
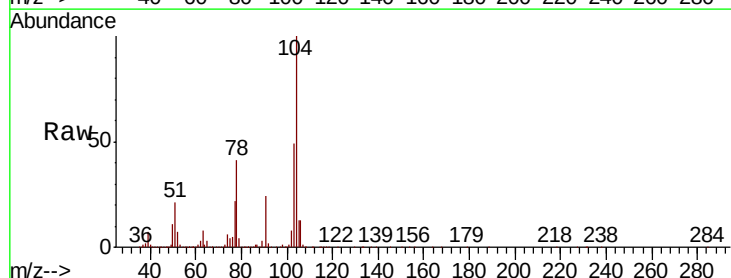
Manual Integrations
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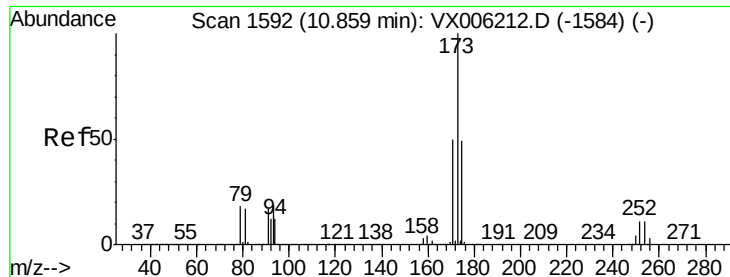
MMDadoda
12/18/2018 9:45:06 AM



#70
Styrene
Concen: 49.280 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.1	37.2	55.8
103	54.8	43.5	65.3





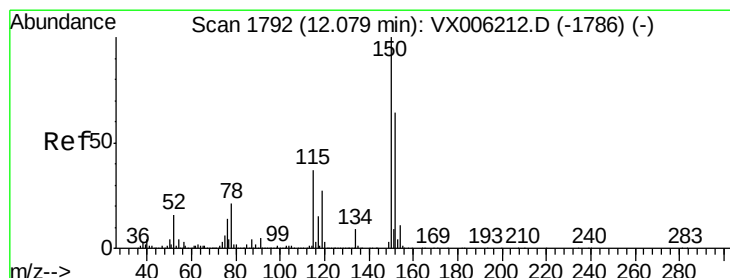
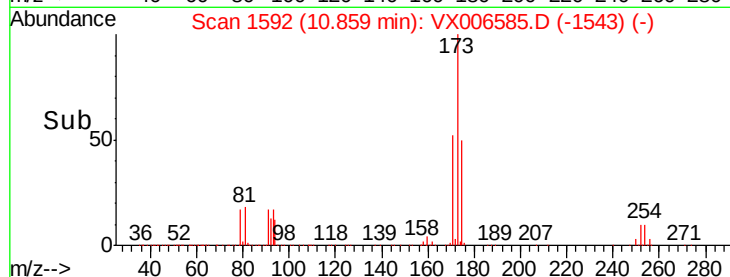
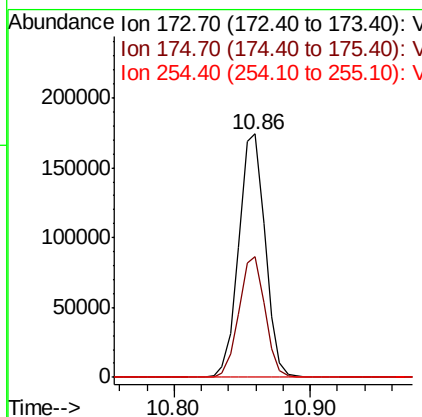
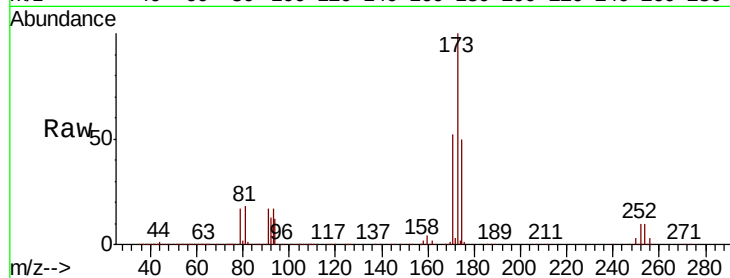
#71
Bromoform
Concen: 35.581 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.8	24.6	73.8
254	0.2	0.2	0.2

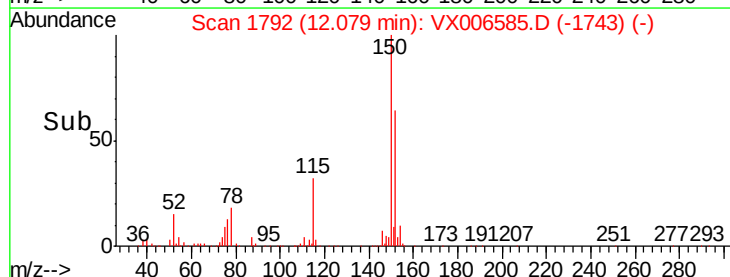
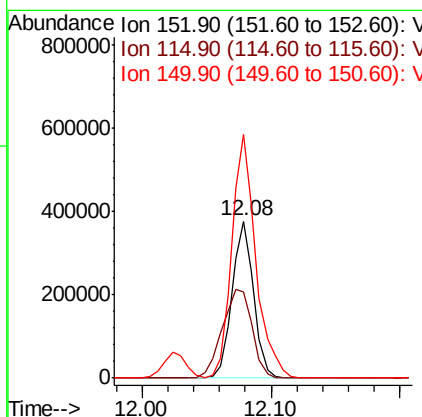
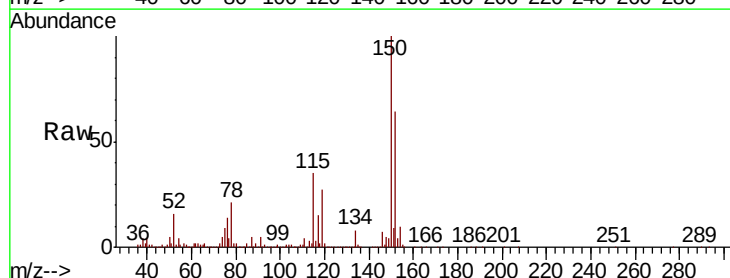
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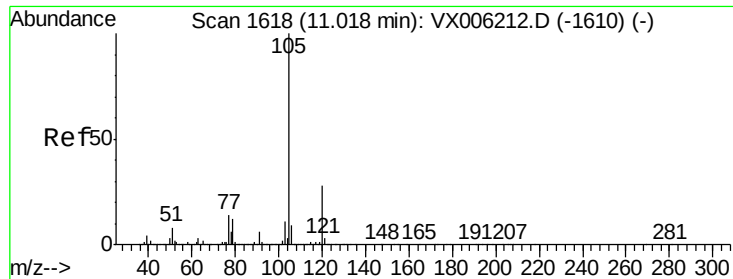
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#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
152	100		
115	78.8	39.0	116.9
150	172.8	0.0	345.8





#73

Isopropylbenzene

Concen: 51.249 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1553026

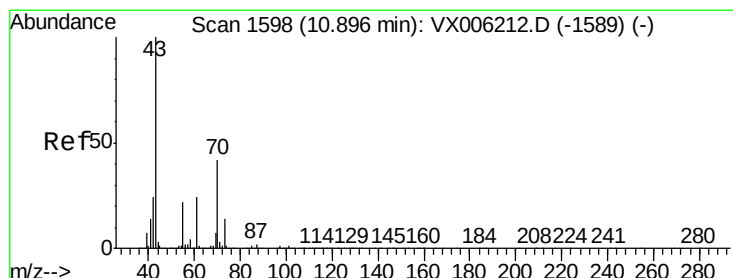
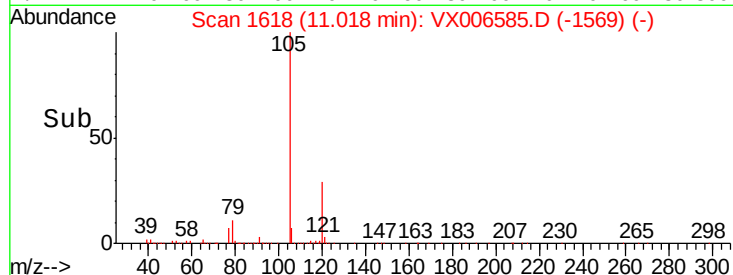
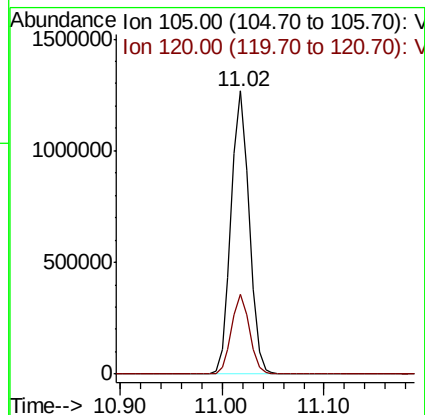
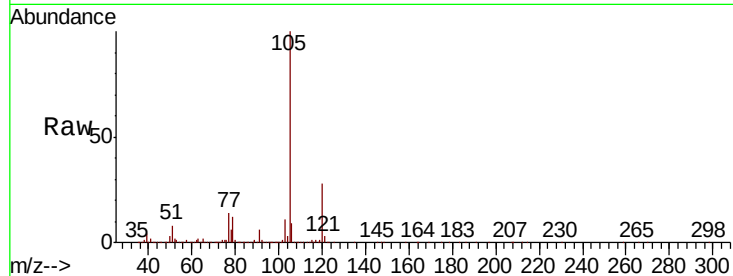
Ion Ratio Lower Upper

105 100

120 27.9 14.1 42.3

Manual Integrations
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#74

N-ethyl acetate

Concen: 42.572 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion: 43 Resp: 555539

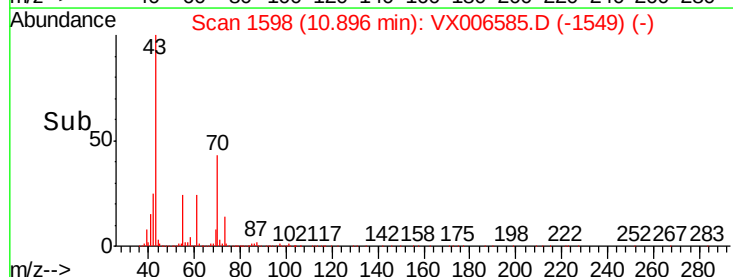
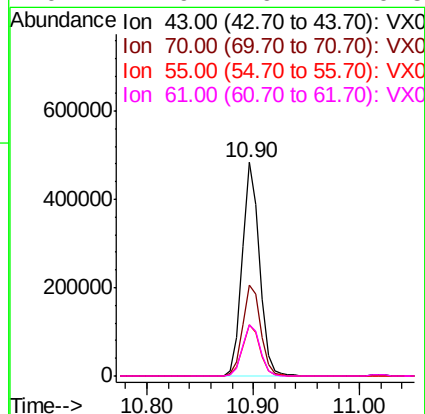
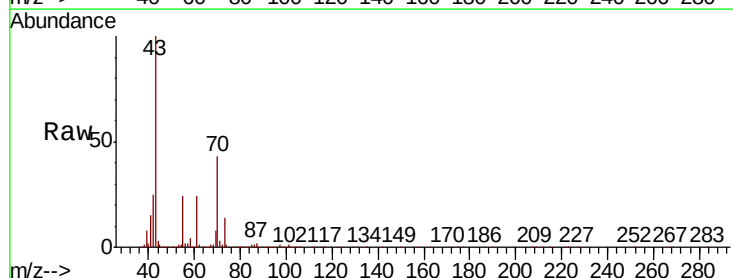
Ion Ratio Lower Upper

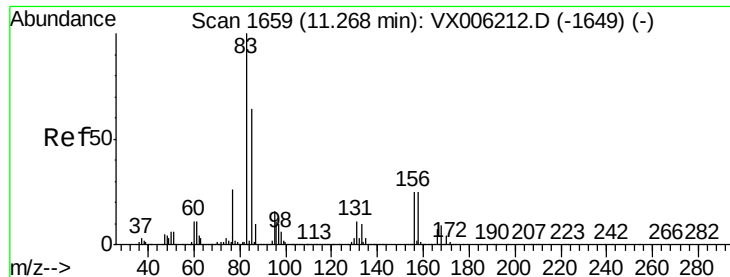
43 100

70 44.5 34.1 51.1

55 24.4 17.8 26.8

61 24.9 19.7 29.5





#75

1,1,2,2-Tetrachloroethane

Concen: 47.769 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 463102

Ion Ratio Lower Upper

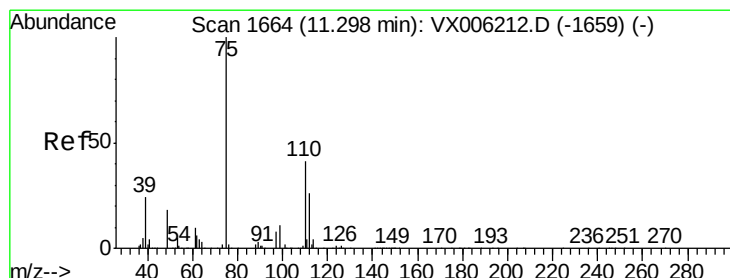
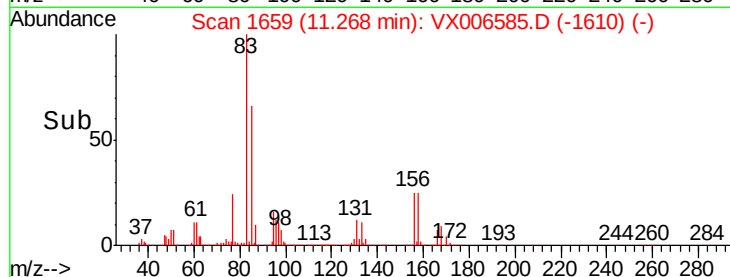
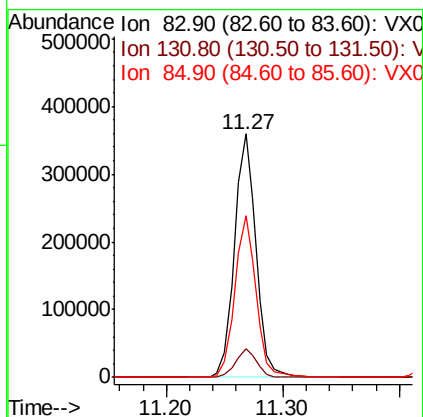
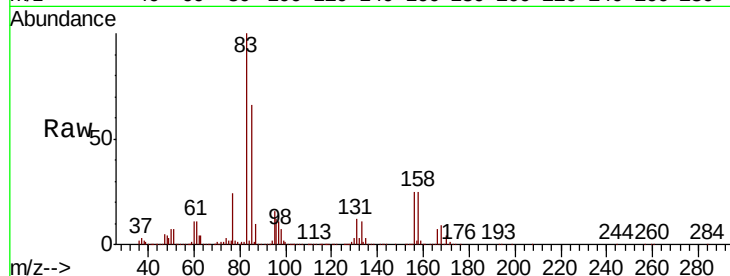
83 100

131 11.4 5.7 17.1

85 65.3 32.1 96.5

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#76

1,2,3-Trichloropropane

Concen: 50.364 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006585.D

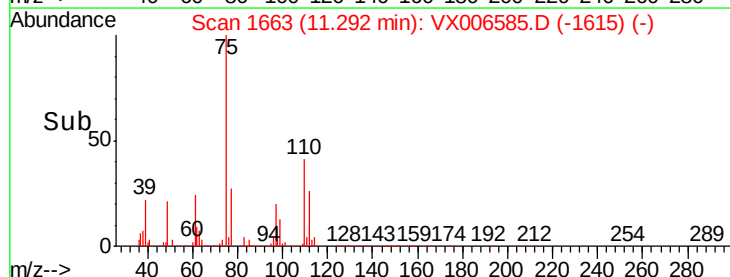
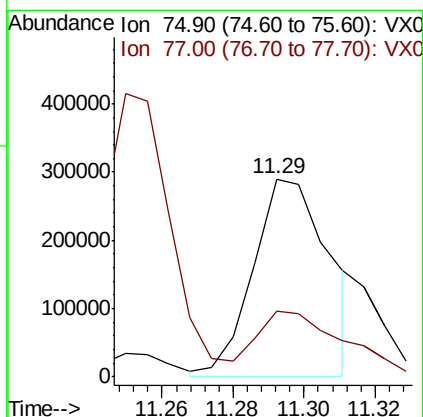
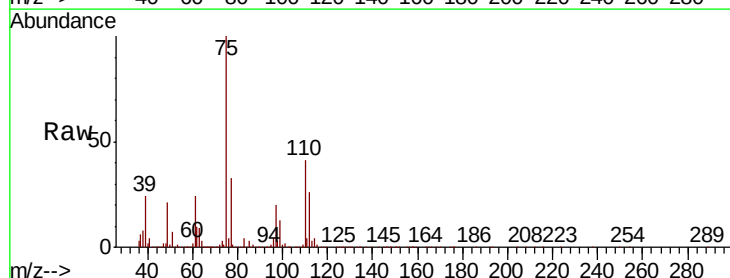
Acq: 17 Dec 2018 20:46

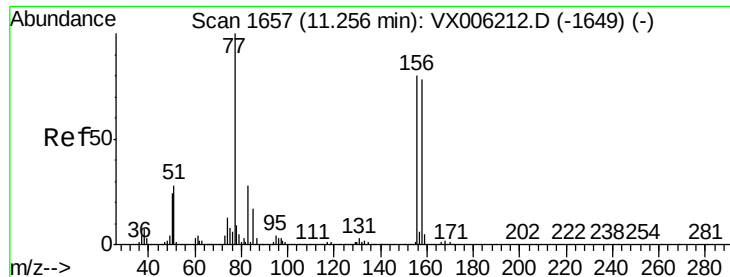
Tgt Ion: 75 Resp: 426566

Ion Ratio Lower Upper

75 100

77 38.4 19.9 59.7





#77

Bromobenzene

Concen: 48.951 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 411668

Ion Ratio Lower Upper

156 100

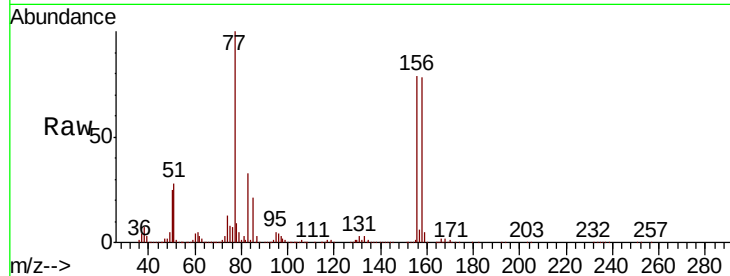
77 136.2 66.2 198.6

158 97.6 48.8 146.4

Manual Integrations
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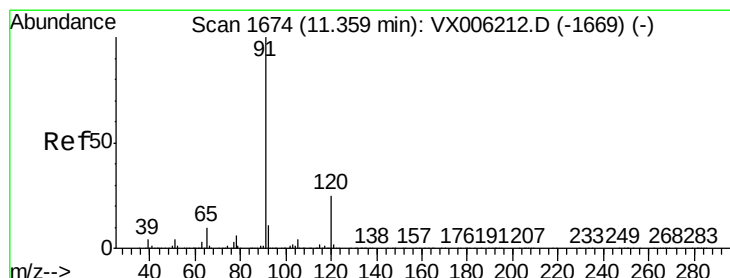
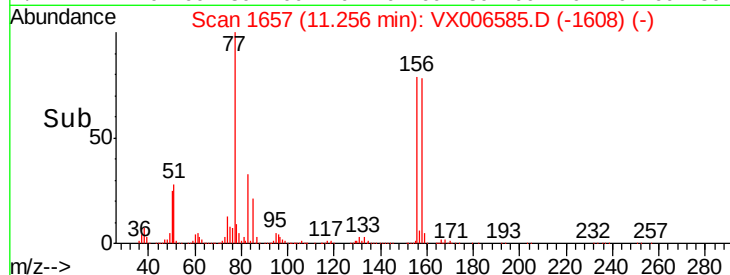
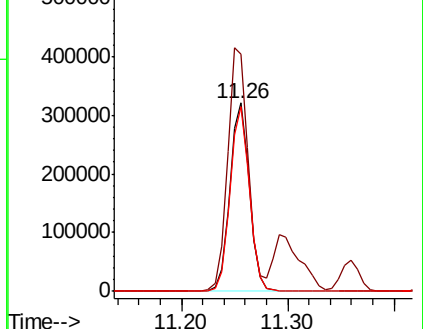
12/18/2018 9:45:06 AM



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.718 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006585.D

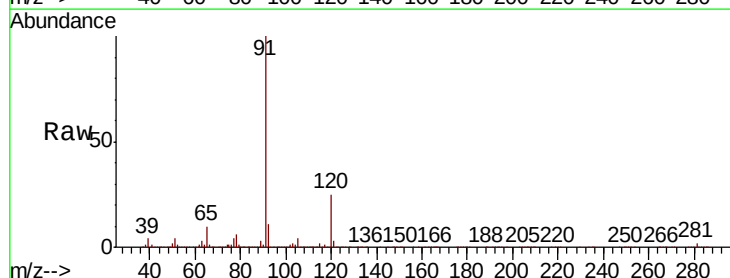
Acq: 17 Dec 2018 20:46

Tgt Ion: 91 Resp: 1708441

Ion Ratio Lower Upper

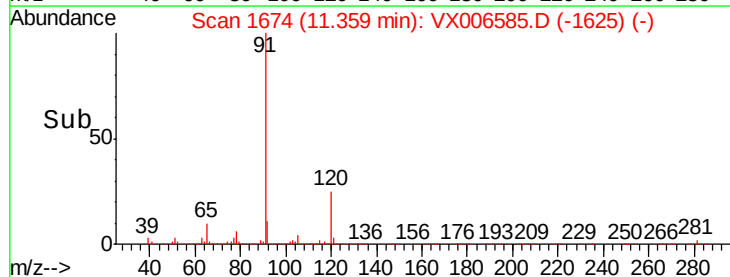
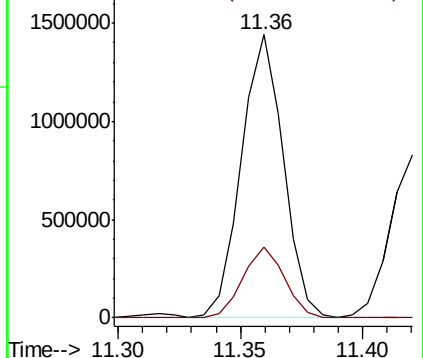
91 100

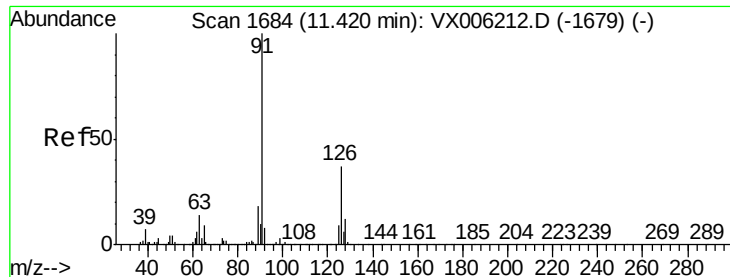
120 25.1 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.044 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 1001942

Ion Ratio Lower Upper

91 100

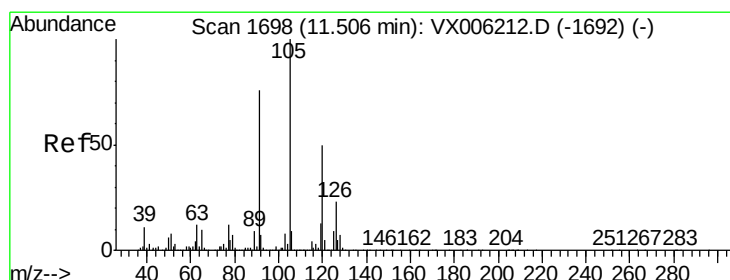
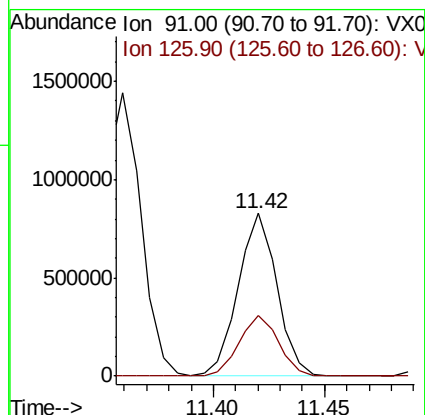
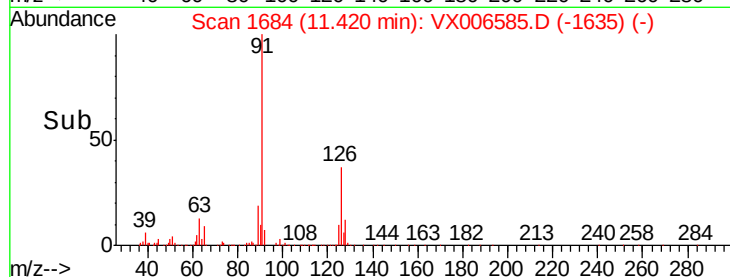
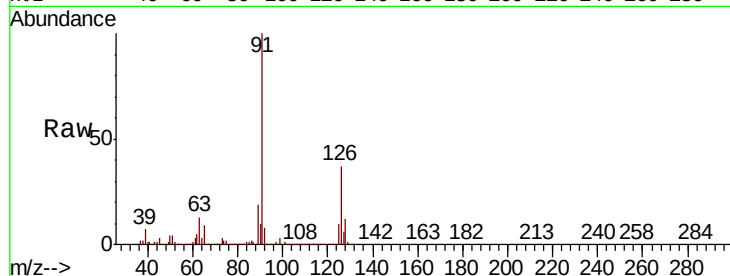
126 38.2 18.6 56.0

Manual Integrations

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MMDadoda

12/18/2018 9:45:06 AM



#80

1,3,5-Trimethylbenzene

Concen: 50.563 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006585.D

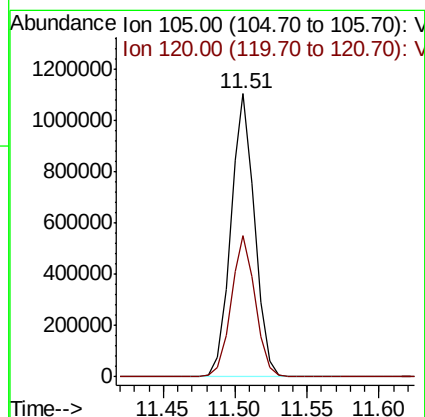
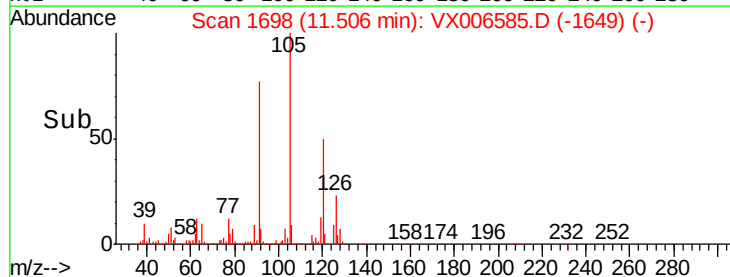
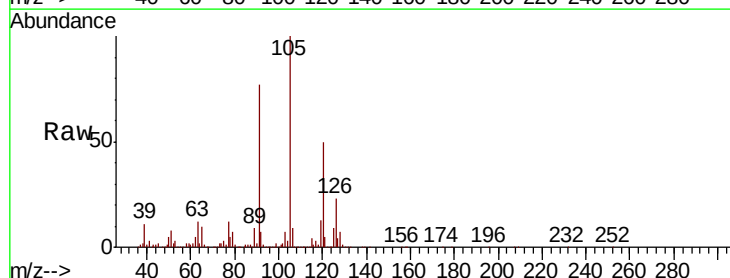
Acq: 17 Dec 2018 20:46

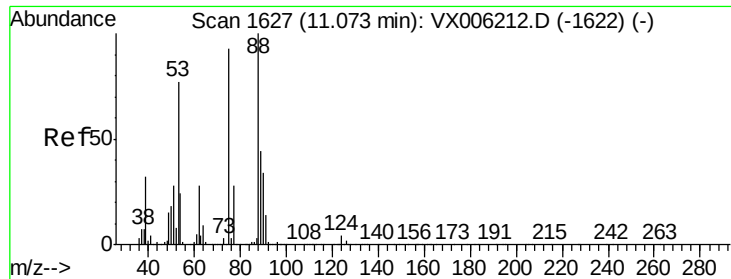
Tgt Ion: 105 Resp: 1274850

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 31.594 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

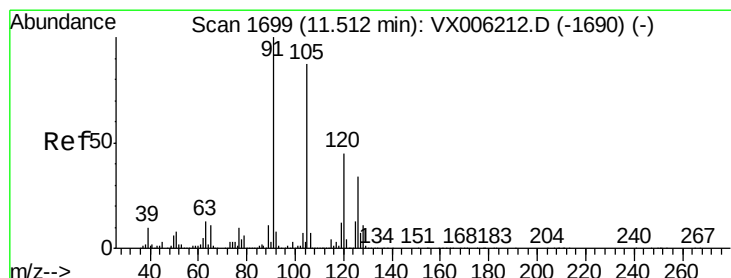
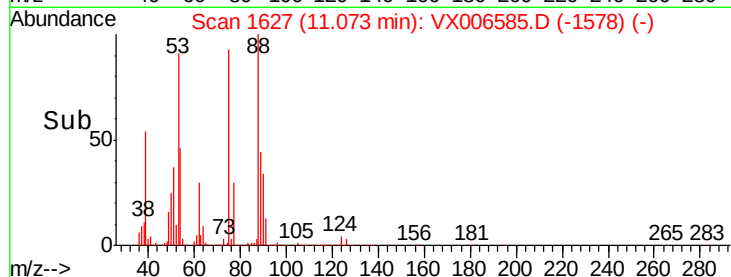
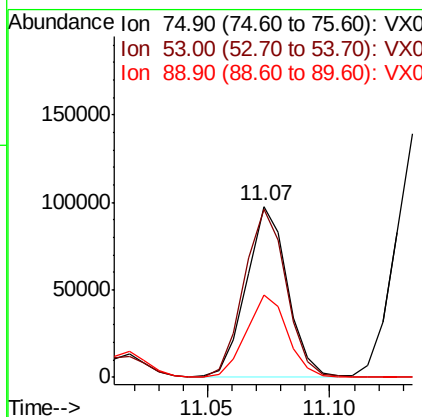
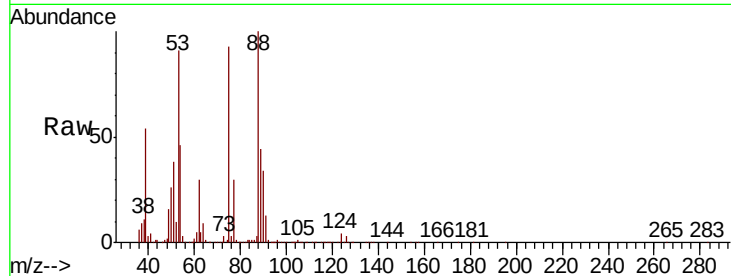
ClientSampleId :

VSTDCCC050EC

Tot Ion:	75	Resp:	114029
Ion Ratio	Lower	Upper	
75	100		
53	101.3	64.4	96.6#
89	48.9	44.2	66.4

Manual Integrations
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12/18/2018 9:45:06 AM



#82

4-Chlorotoluene

Concen: 49.653 ug/l

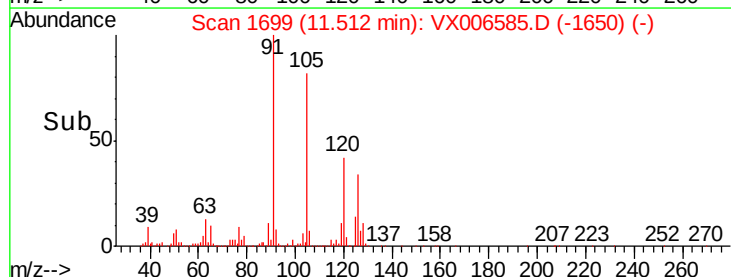
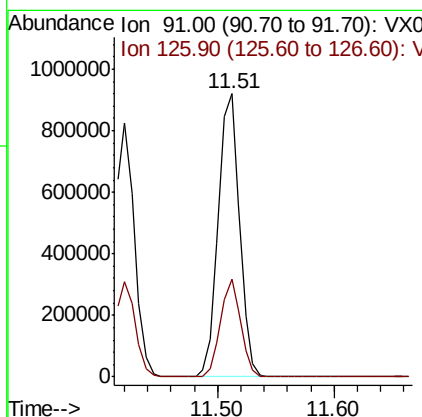
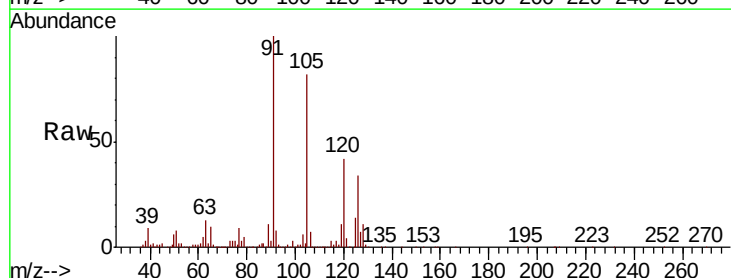
RT: 11.51 min Scan# 1699

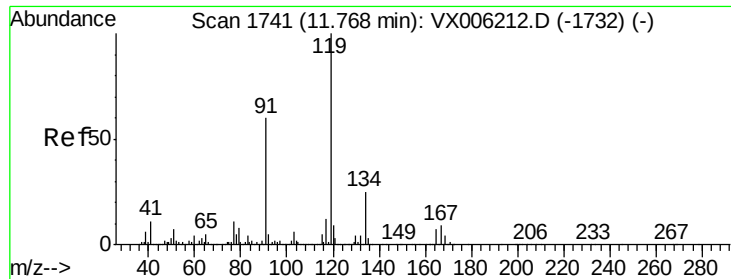
Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Tgt Ion:	91	Resp:	1155810
Ion Ratio	Lower	Upper	
91	100		
126	33.0	16.4	49.4





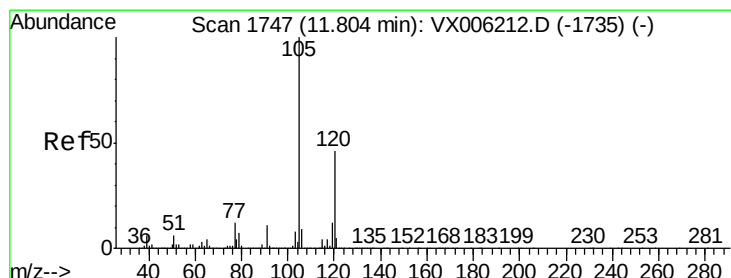
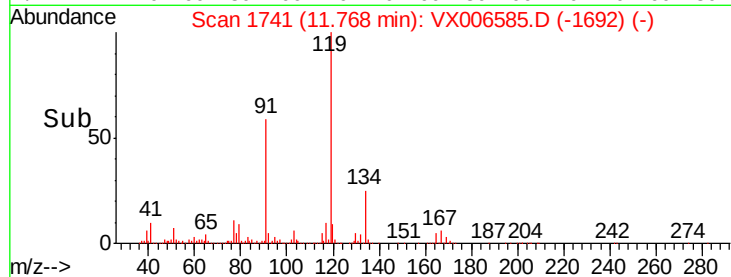
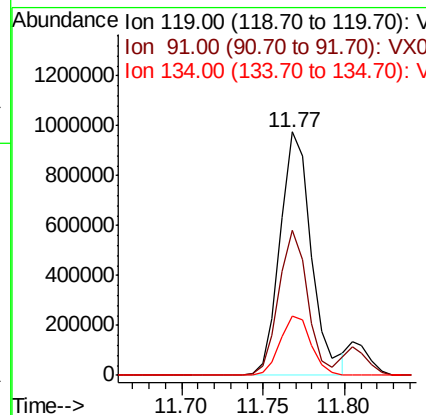
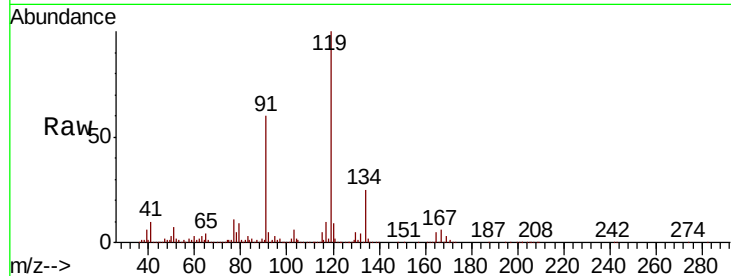
#83
tert-Butylbenzene
Concen: 48.623 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
119	100		
91	54.9	26.4	79.2
134	23.9	11.6	34.7

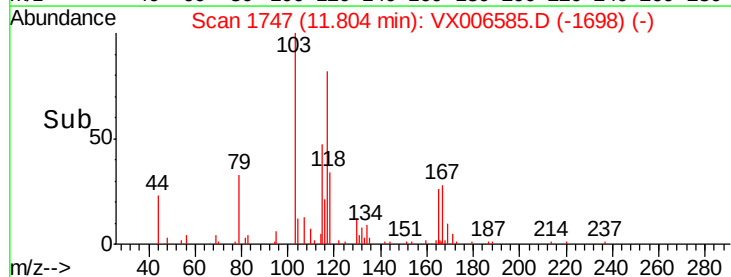
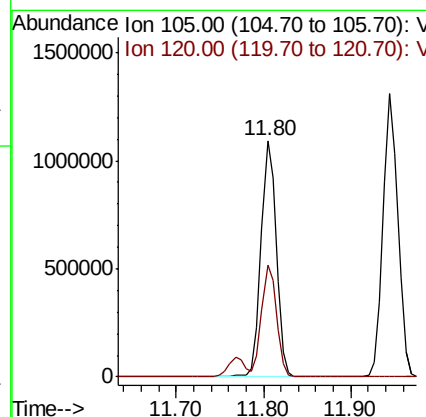
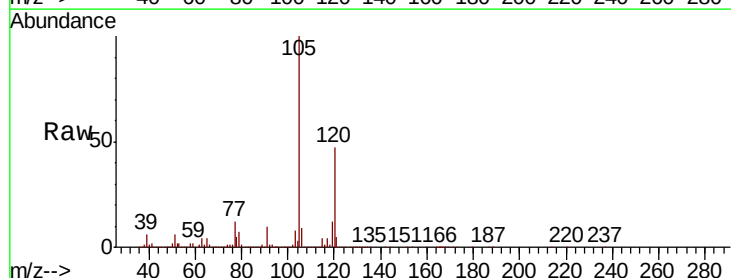
Manual Integrations
APPROVED

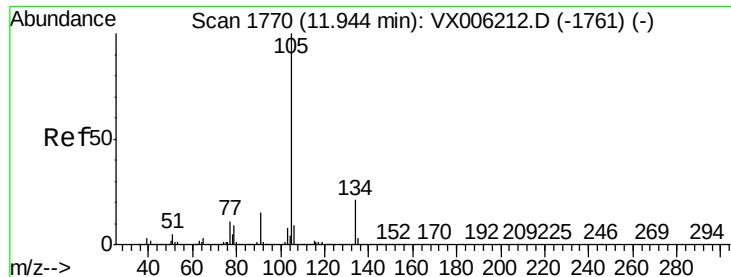
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 50.290 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.4	70.0





#85

sec-Butylbenzene

Concen: 50.981 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1560253

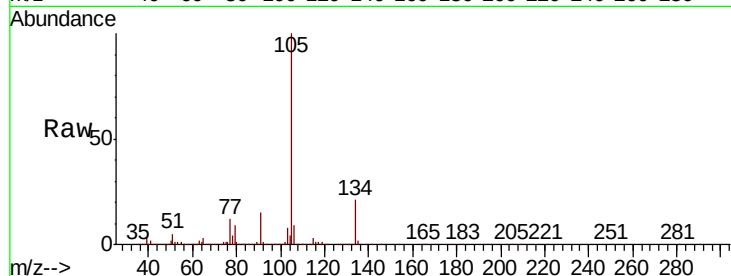
Ion Ratio Lower Upper

105 100

134 21.5 10.8 32.4

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

Ion 134.00 (133.70 to 134.70): V

1500000

11.94

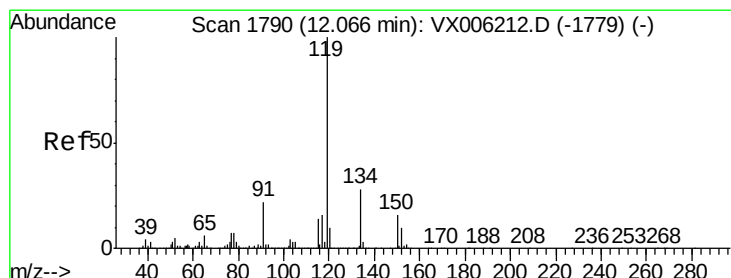
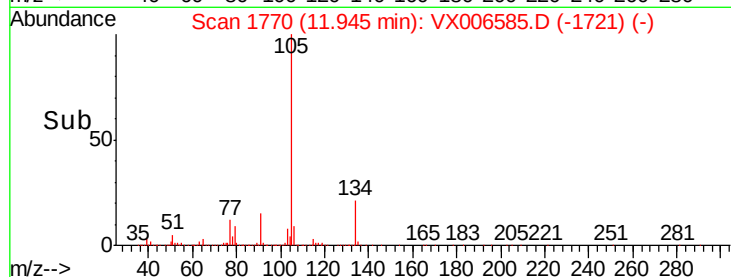
1000000

500000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 50.180 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

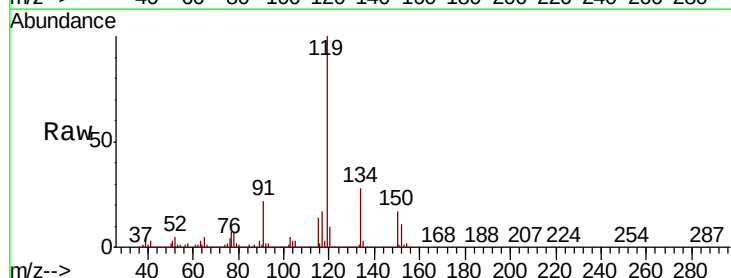
Tgt Ion:119 Resp: 1382862

Ion Ratio Lower Upper

119 100

134 27.3 13.9 41.6

91 22.5 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

1500000

12.07

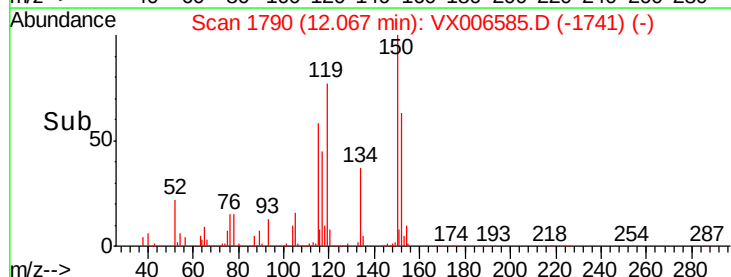
1000000

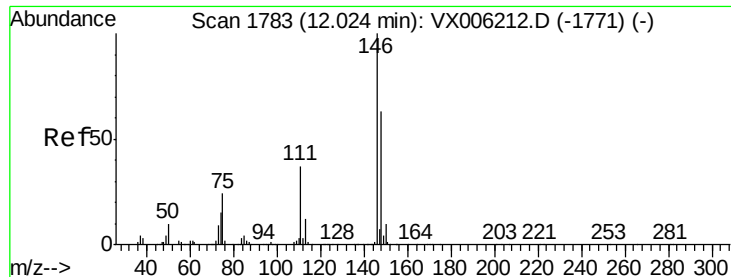
500000

0

Time-->

12.00 12.10





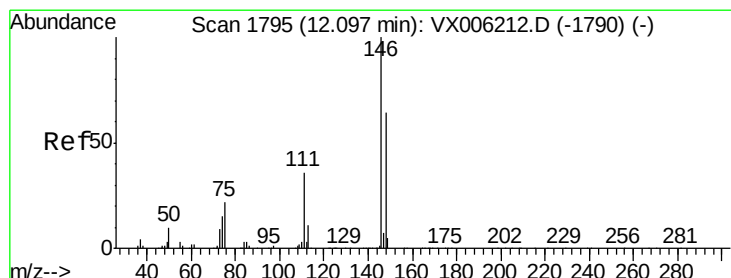
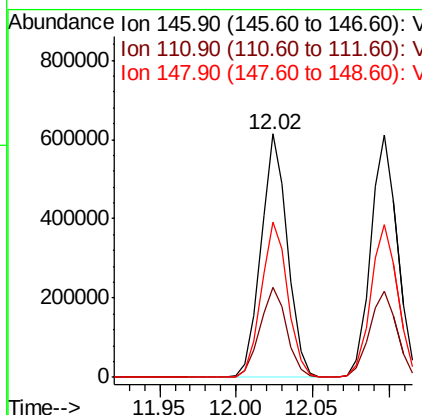
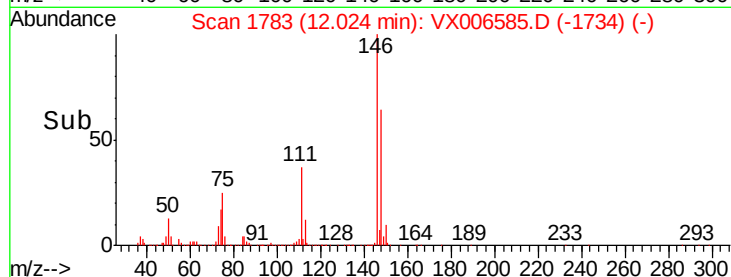
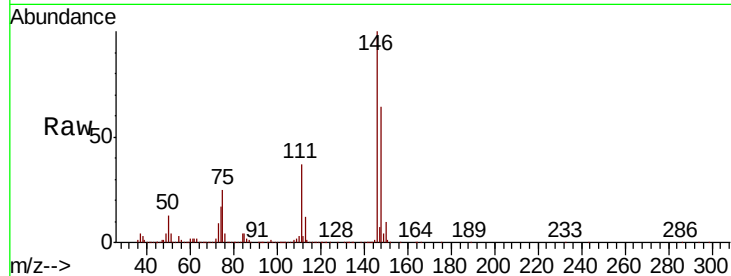
#87
 1,3-Dichlorobenzene
 Concen: 49.525 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.4	55.2
148	64.0	32.0	96.0

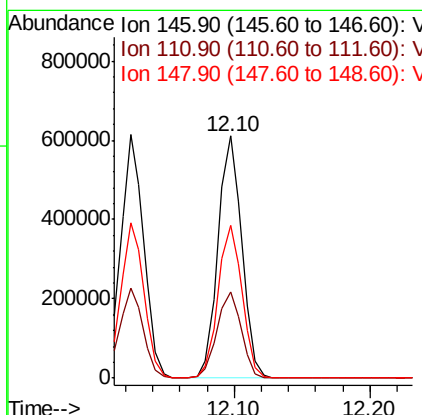
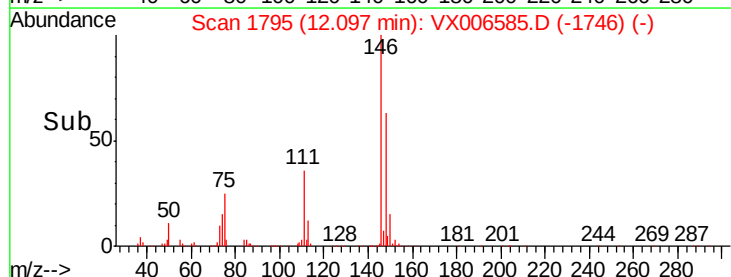
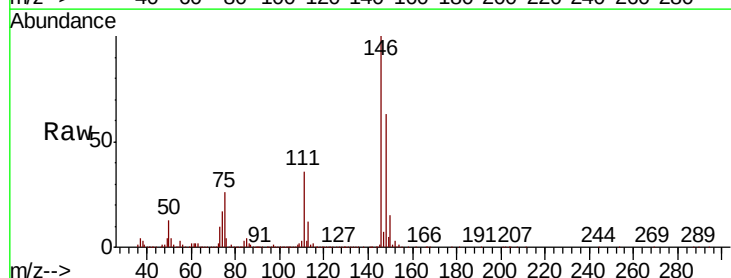
Manual Integrations
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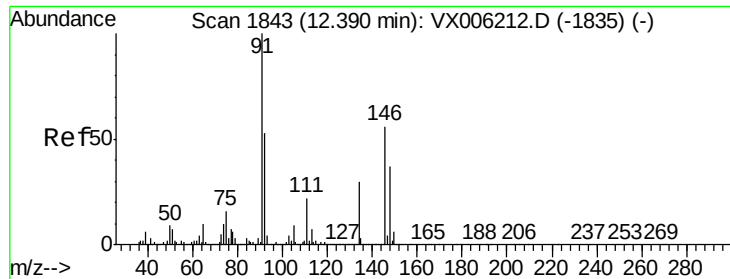
MMDadoda
 12/18/2018 9:45:06 AM



#88
 1,4-Dichlorobenzene
 Concen: 48.638 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.3	54.8
148	63.9	31.9	95.9





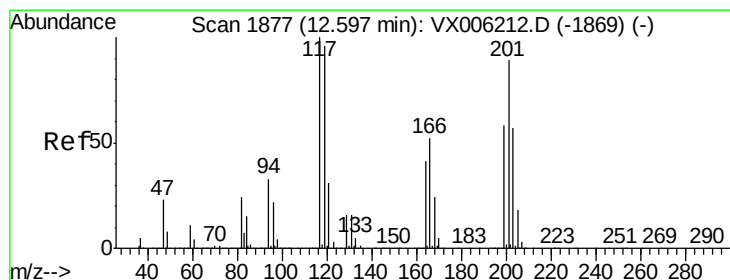
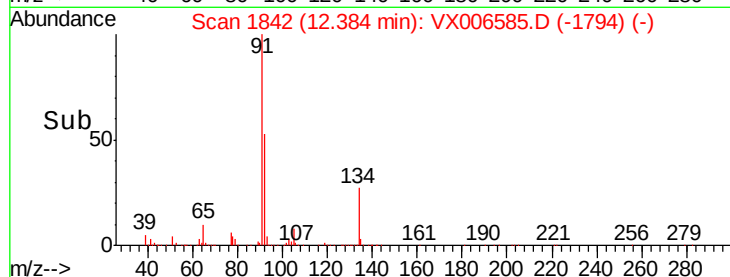
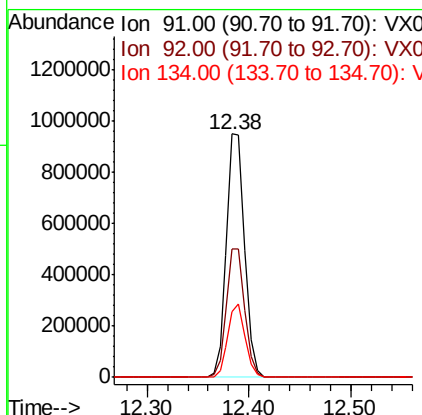
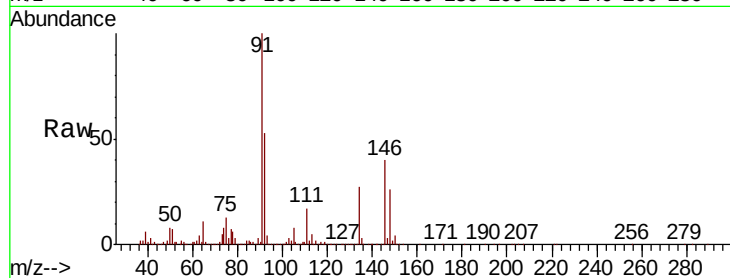
#89
n-Butylbenzene
Concen: 49.613 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	52.9	26.6	79.8
134	28.8	14.8	44.3

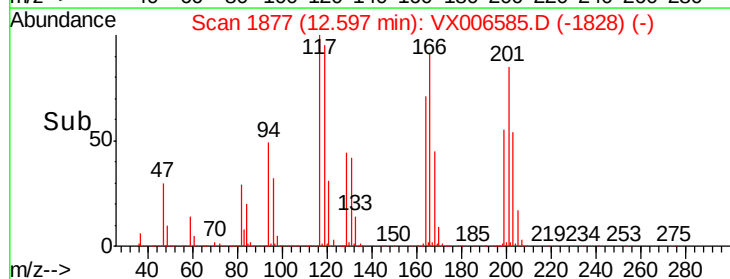
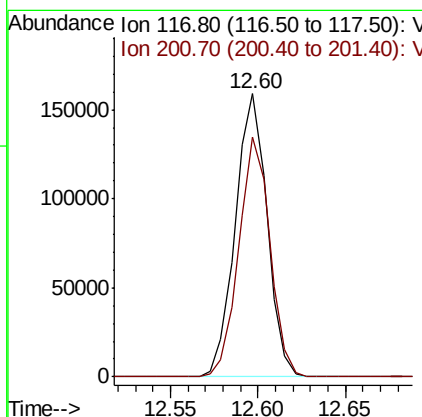
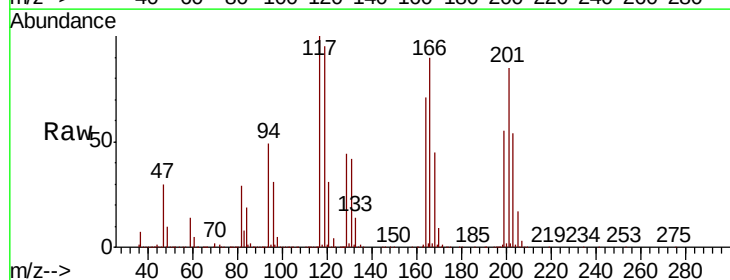
Manual Integrations
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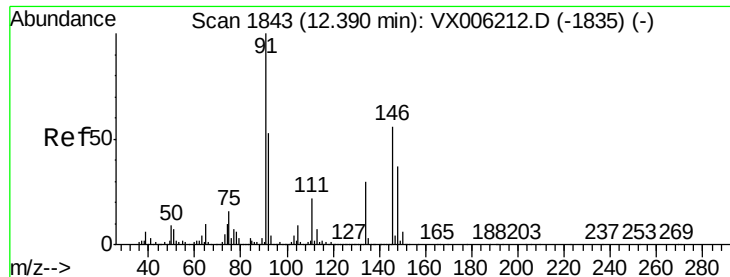
MMDadoda
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#90
Hexachloroethane
Concen: 35.754 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006585.D
Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Lower	Upper
117	100		
201	83.2	44.7	134.1





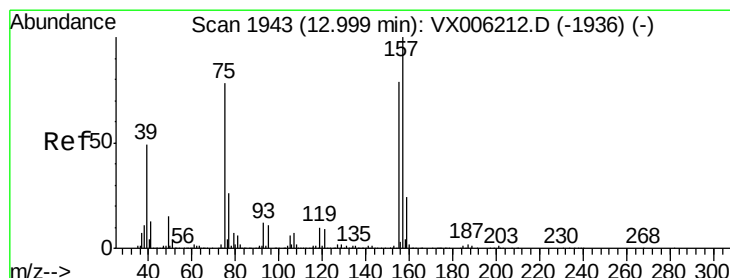
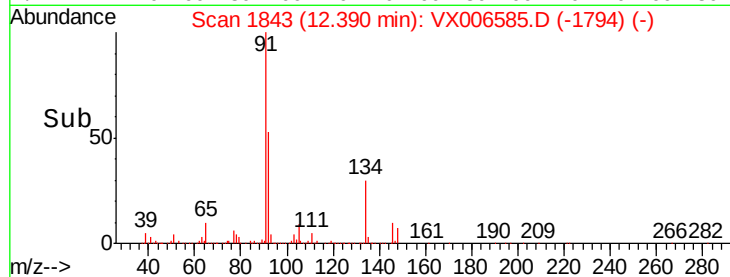
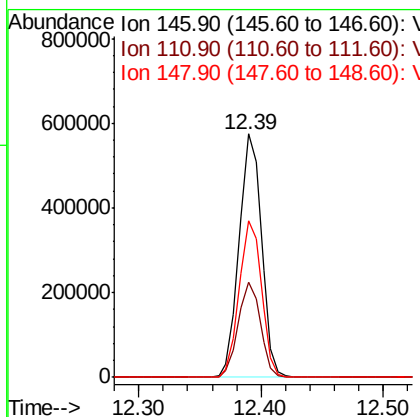
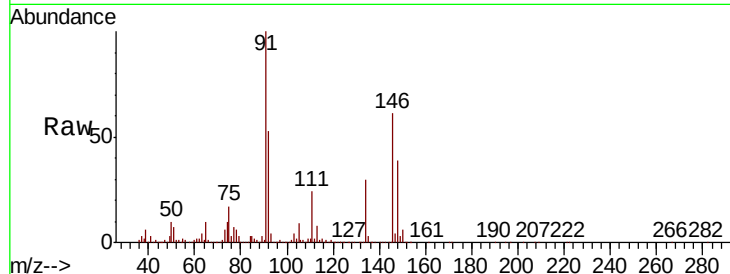
#91
 1,2-Dichlorobenzene
 Concen: 48.884 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
146	100	725991		
111	38.6	19.1	57.3	
148	64.3	32.1	96.3	

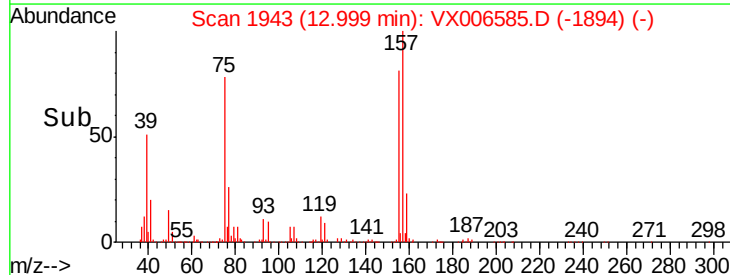
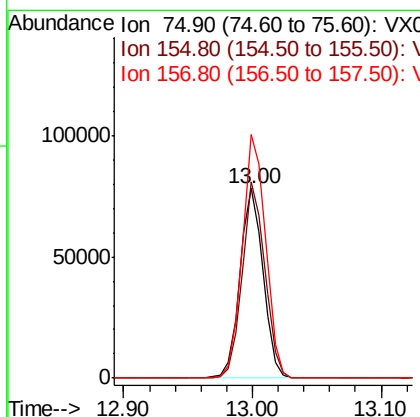
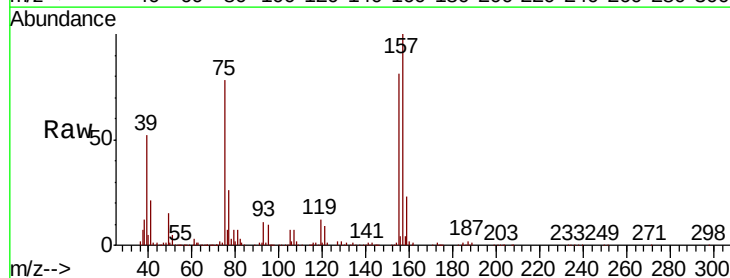
Manual Integrations
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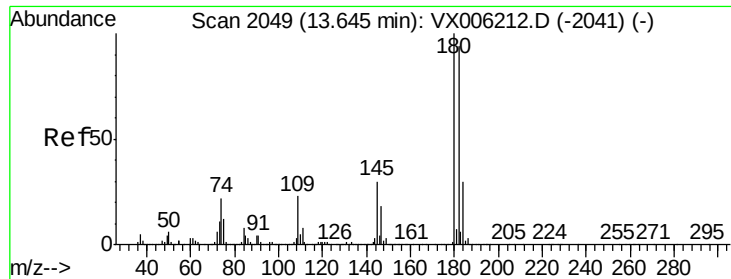
MMDadoda
 12/18/2018 9:45:06 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 39.170 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	97344		
155	100.6	53.4	160.3	
157	129.0	68.0	203.8	





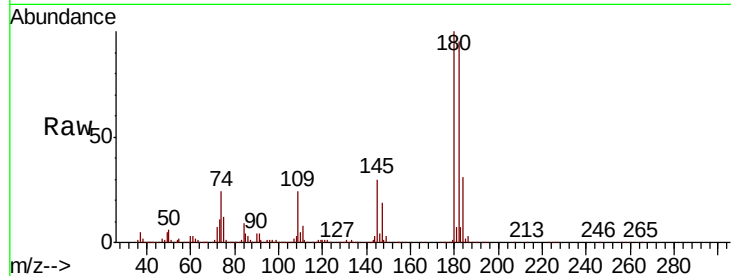
#93
 1,2,4-Trichlorobenzene
 Concen: 47.395 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
180	100	513515		
182	94.9	47.3	141.9	
145	30.1	14.6	43.8	

Manual Integrations
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 12/18/2018 9:45:06 AM

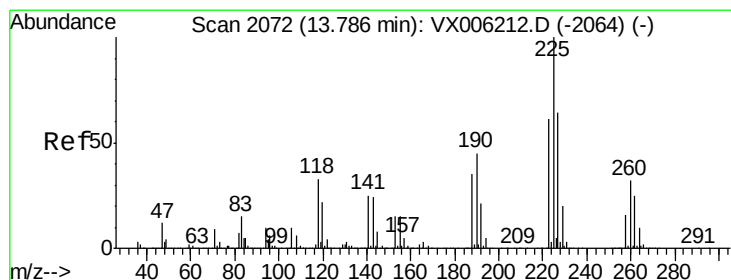
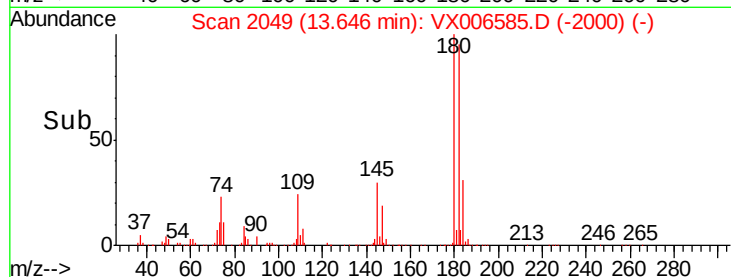
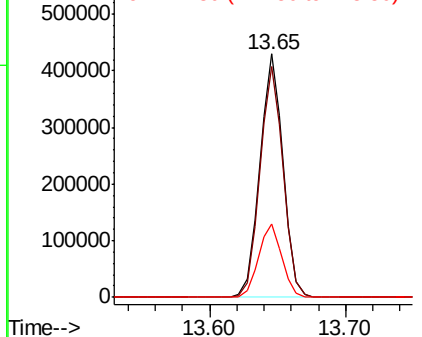


Abundance

Ion 179.80 (179.50 to 180.50): V

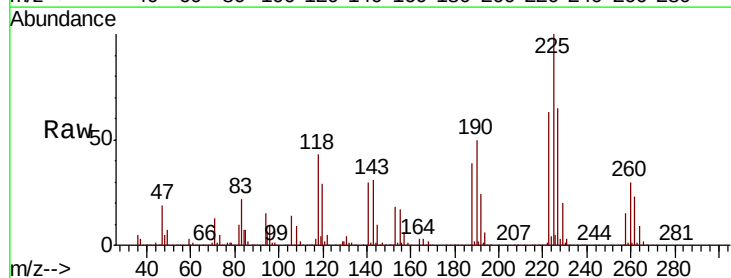
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
 Hexachlorobutadiene
 Concen: 48.062 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006585.D
 Acq: 17 Dec 2018 20:46

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	230296		
223	63.8	31.2	93.6	
227	64.5	31.9	95.5	

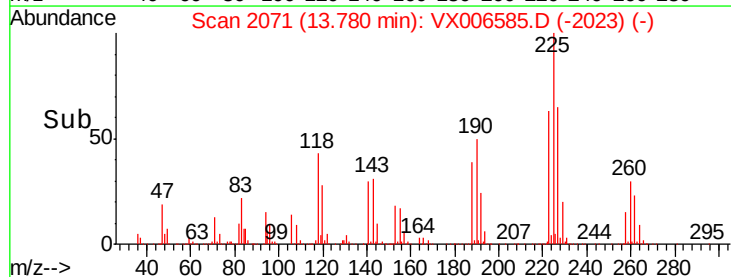
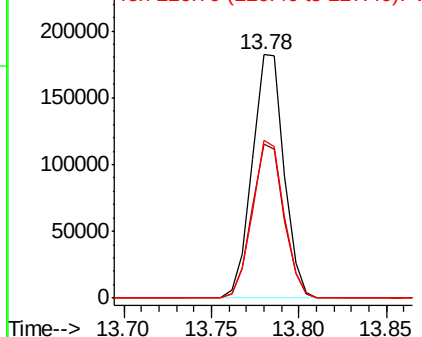


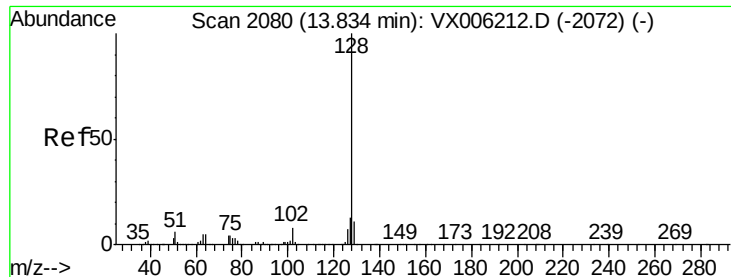
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 48.801 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1644750

Ion Ratio Lower Upper

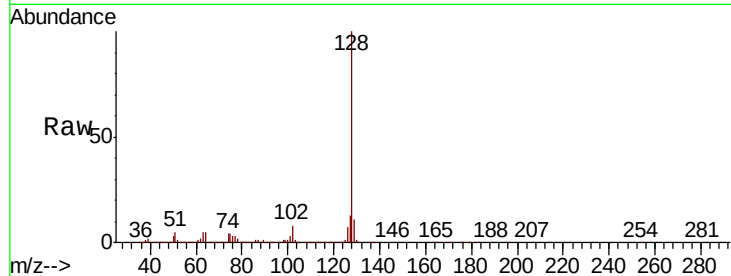
128 100

127 13.2 10.2 15.4

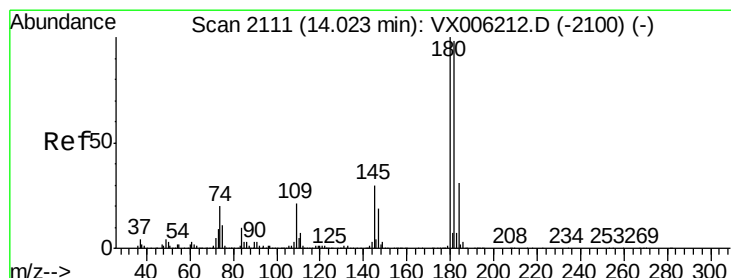
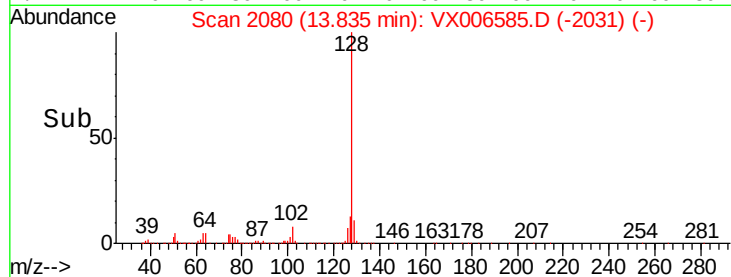
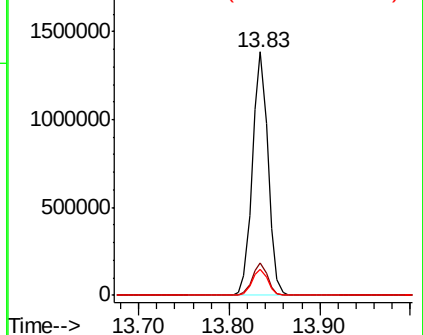
129 11.0 8.9 13.3

Manual Integrations
APPROVED

MMDadoda
12/18/2018 9:45:06 AM



Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 48.631 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX006585.D

Acq: 17 Dec 2018 20:46

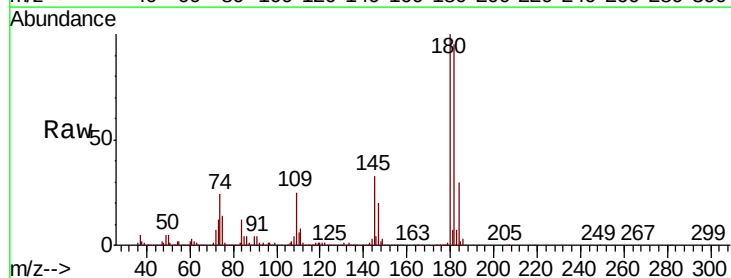
Tgt Ion:180 Resp: 521891

Ion Ratio Lower Upper

180 100

182 94.9 48.4 145.2

145 31.9 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

