

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122018\
 Data File : VX006687.D
 Acq On : 20 Dec 2018 20:14
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 12/21/2018 10:19:04 AM

Quant Time: Dec 21 04:37:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	558563	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	873219	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	801045	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	412497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	301863	50.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.28%	
35) Dibromofluoromethane	5.50	113	272421	49.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.66%	
50) Toluene-d8	8.71	98	1039015	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
62) 4-Bromofluorobenzene	11.13	95	383310	50.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	236911	46.363	ug/l	99
3) Chloromethane	1.33	50	263212	47.812	ug/l	100
4) Vinyl Chloride	1.41	62	284291	49.445	ug/l	97
5) Bromomethane	1.64	94	277642	51.815	ug/l	97
6) Chloroethane	1.72	64	184927	46.451	ug/l	99
7) Trichlorofluoromethane	1.93	101	449833	50.182	ug/l	98
8) Diethyl Ether	2.19	74	173547	48.743	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	261604	49.704	ug/l	99
10) Methyl Iodide	2.51	142	364964	48.441	ug/l	99
11) Tert butyl alcohol	3.07	59	345868	257.440	ug/l	100
12) 1,1-Dichloroethene	2.37	96	243815	48.855	ug/l	97
13) Acrolein	2.30	56	199812	220.464	ug/l	97
14) Allyl chloride	2.73	41	428112	50.963	ug/l	99
15) Acrylonitrile	3.15	53	800695	268.423	ug/l	100
16) Acetone	2.45	43	676531	244.610	ug/l	100
17) Carbon Disulfide	2.57	76	600839	45.494	ug/l	99
18) Methyl Acetate	2.78	43	443691	54.557	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	874493	52.795	ug/l	99
20) Methylene Chloride	2.85	84	284540	49.753	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	265072	47.937	ug/l	98
22) Diisopropyl ether	3.87	45	819898	53.351	ug/l	94
23) Vinyl Acetate	3.82	43	3279202	260.865	ug/l	99
24) 1,1-Dichloroethane	3.70	63	457820	49.904	ug/l	98
25) 2-Butanone	4.70	43	1007644	259.009	ug/l	99
26) 2,2-Dichloropropane	4.59	77	323303	45.622	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	312395	51.205	ug/l	99
28) Bromochloromethane	5.02	49	212595	55.165	ug/l	99
29) Tetrahydrofuran	5.15	42	678042	264.619	ug/l	100
30) Chloroform	5.21	83	493769	51.975	ug/l	100
31) Cyclohexane	5.57	56	405323	48.633	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	416427	51.912	ug/l	99
36) 1,1-Dichloropropene	5.80	75	358274	49.538	ug/l	100
37) Ethyl Acetate	4.85	43	387857	51.526	ug/l	98
38) Carbon Tetrachloride	5.79	117	350620	49.885	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	454738	47.759	ug/l	99
40) Benzene	6.14	78	1110256	50.504	ug/l	99
41) Methacrylonitrile	5.06	41	216706	54.224	ug/l	99
42) 1,2-Dichloroethane	6.20	62	373722	49.889	ug/l	99
43) Isopropyl Acetate	6.46	43	611502	53.390	ug/l	99
44) Trichloroethene	7.21	130	322601	48.484	ug/l	99
45) 1,2-Dichloropropane	7.52	63	276364	51.660	ug/l	99
46) Dibromomethane	7.66	93	199595	50.723	ug/l	100
47) Bromodichloromethane	7.90	83	338407	51.800	ug/l	97
48) Methyl methacrylate	7.77	41	318491	54.682	ug/l	100
49) 1,4-Dioxane	7.75	88	160445	1053.917	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1988474	272.863	ug/l	99
52) Toluene	8.79	92	738703	52.012	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	368511	52.595	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	418403	54.423	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	303495	52.207	ug/l	98
56) Ethyl methacrylate	9.18	69	446742	54.372	ug/l	98
57) 1,3-Dichloropropane	9.37	76	479915	51.312	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1149152	263.112	ug/l	99
59) 2-Hexanone	9.49	43	1504610	269.849	ug/l	99
60) Dibromochloromethane	9.59	129	297943	49.050	ug/l	98
61) 1,2-Dibromoethane	9.67	107	328642	53.181	ug/l	99
64) Tetrachloroethene	9.34	164	316962	49.970	ug/l	99
65) Chlorobenzene	10.14	112	853166	50.344	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	288974	54.654	ug/l	99
67) Ethyl Benzene	10.25	91	1413368	51.038	ug/l	98
68) m/p-Xylenes	10.36	106	1118523	102.361	ug/l	100
69) o-Xylene	10.70	106	548947	50.873	ug/l	98
70) Styrene	10.71	104	885622	51.878	ug/l	99
71) Bromoform	10.86	173	218047	46.101	ug/l #	98
73) Isopropylbenzene	11.02	105	1460272	51.746	ug/l	99
74) N-amyl acetate	10.90	43	549253	54.376	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	446655	53.220	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	416365m	54.314	ug/l	
77) Bromobenzene	11.26	156	392773	51.482	ug/l	99
78) n-propylbenzene	11.36	91	1621310	52.173	ug/l	100
79) 2-Chlorotoluene	11.42	91	962262	51.097	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1202907	51.752	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113540	45.491	ug/l	97
82) 4-Chlorotoluene	11.51	91	1097884	50.824	ug/l	100
83) tert-Butylbenzene	11.77	119	1225011	52.659	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1241833	50.794	ug/l	100
85) sec-Butylbenzene	11.94	105	1472356	51.622	ug/l	100
86) p-Isopropyltoluene	12.06	119	1322521	52.749	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	701929	51.049	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	695303	49.328	ug/l	100
89) n-Butylbenzene	12.39	91	1127825	52.856	ug/l	99
90) Hexachloroethane	12.60	117	190356	48.610	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	688114	50.028	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	92406	53.213	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	483852	50.997	ug/l	100
94) Hexachlorobutadiene	13.78	225	221847	49.607	ug/l	98
95) Naphthalene	13.83	128	1546507	51.070	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	484220	49.429	ug/l	99

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

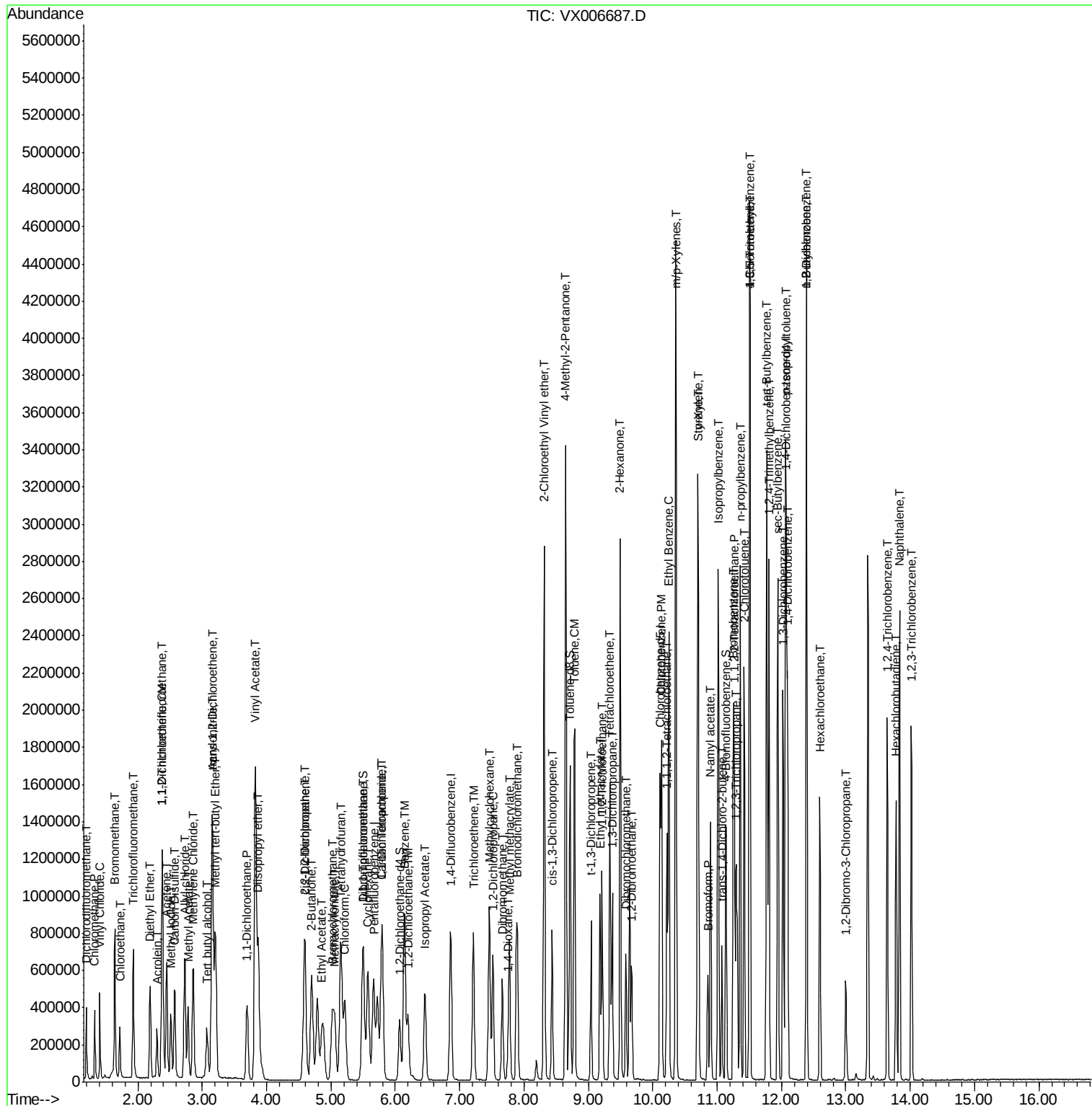
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Data File : VX006687.D
Acq On : 20 Dec 2018 20:14
Operator : JC/MD
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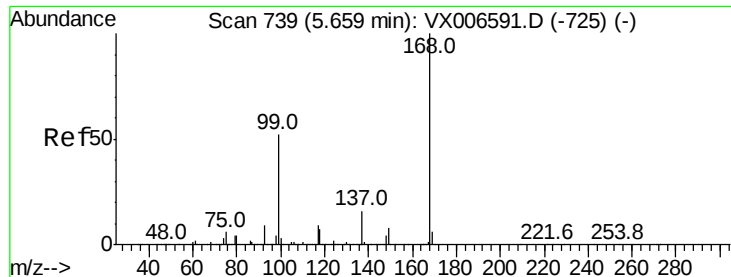
Instrument :
MSVOA_X
ClientSampleID :
VSTDCCC050EC

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#1

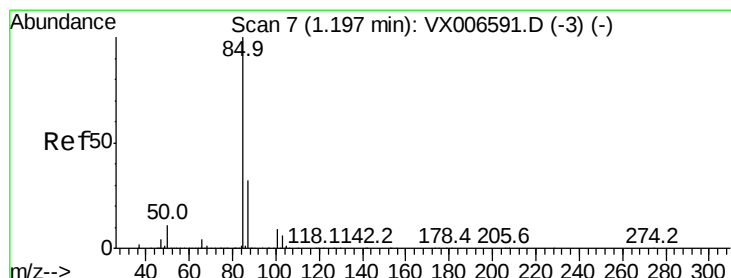
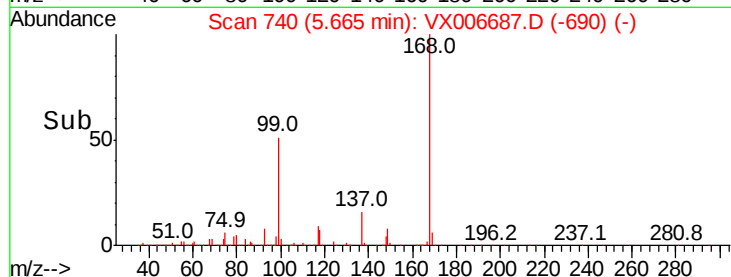
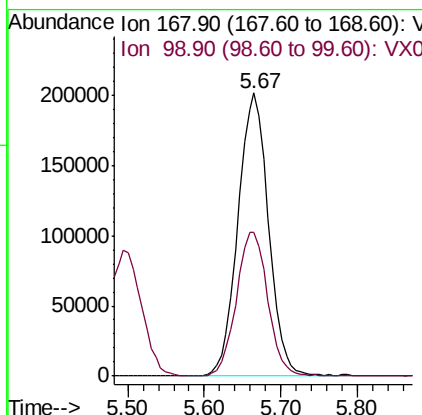
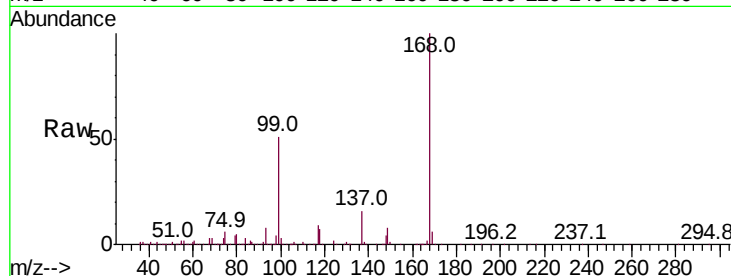
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.67 min Scan# 740
 Delta R.T. 0.01 min
 Lab File: VX006687.D
 Acq: 20 Dec 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
168	100		
99	50.4	41.8	62.8

Manual Integrations
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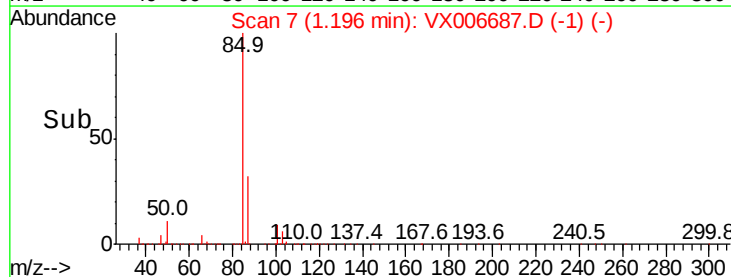
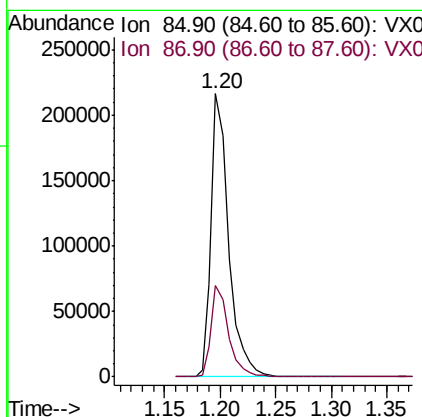
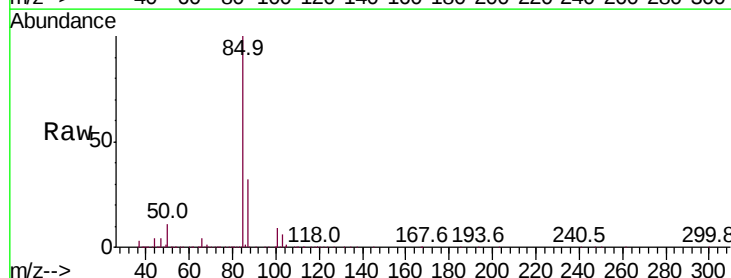
MMDadoda
 12/21/2018 10:19:04 AM

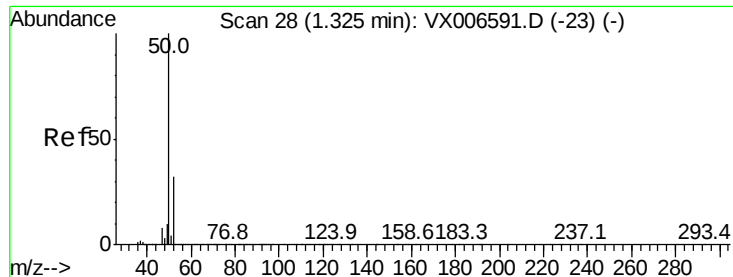


#2

Dichlorodifluoromethane
 Concen: 46.363 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006687.D
 Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.2	15.9	47.6





#3

Chloromethane

Concen: 47.812 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 50 Resp: 263212

Ion Ratio Lower Upper

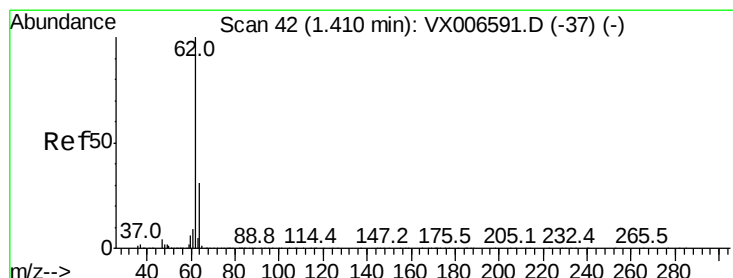
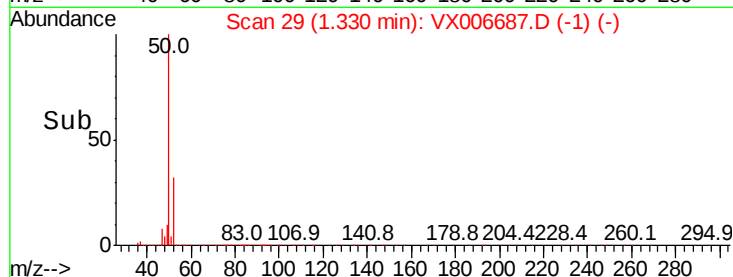
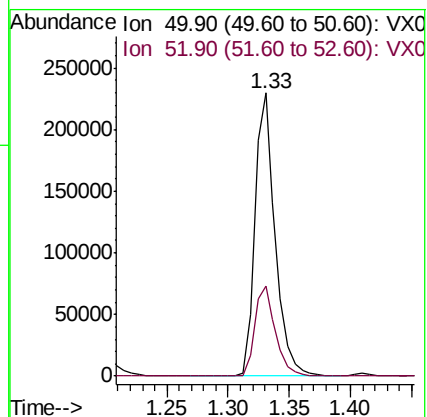
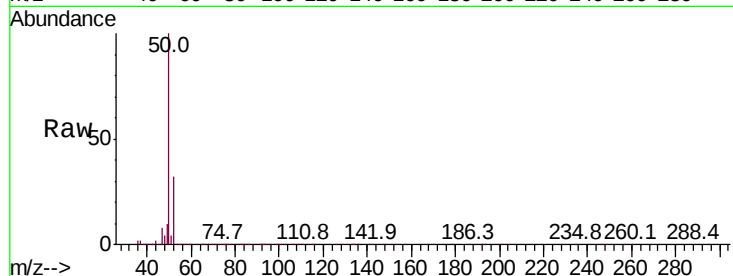
50 100

52 31.6 25.4 38.2

Manual Integrations
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#4

Vinyl Chloride

Concen: 49.445 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006687.D

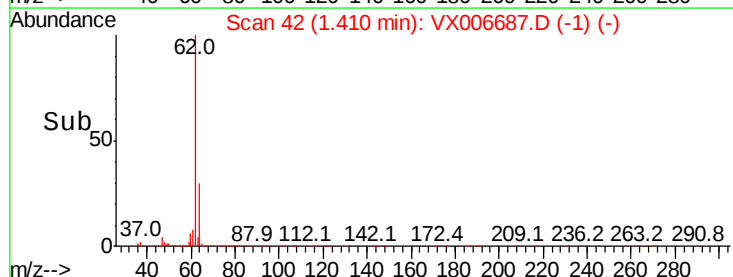
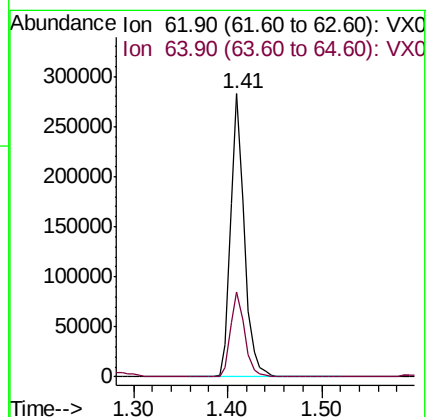
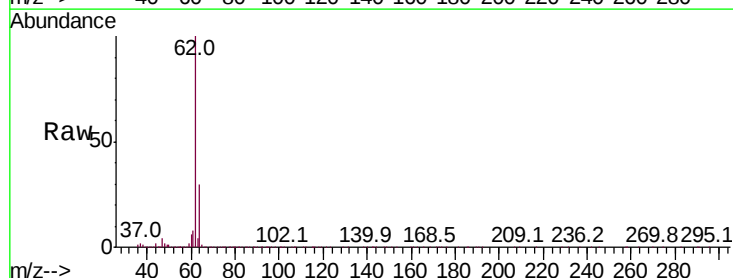
Acq: 20 Dec 2018 20:14

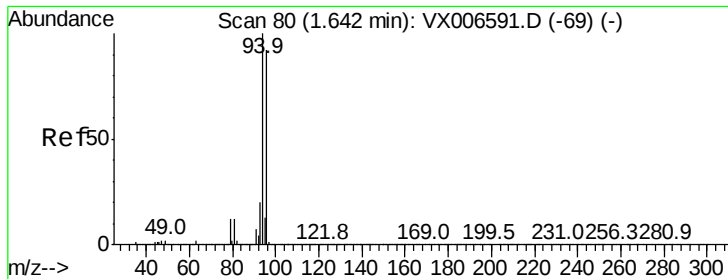
Tgt Ion: 62 Resp: 284291

Ion Ratio Lower Upper

62 100

64 30.0 25.1 37.7





#5

Bromomethane

Concen: 51.815 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 94 Resp: 277642

Ion Ratio Lower Upper

94 100

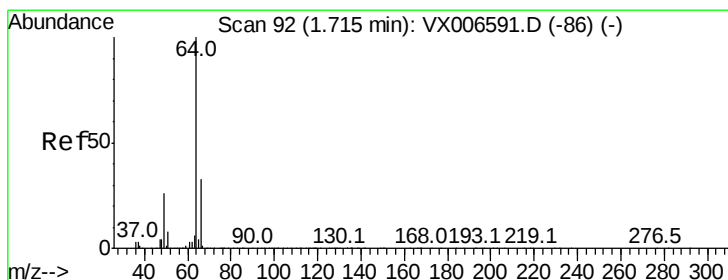
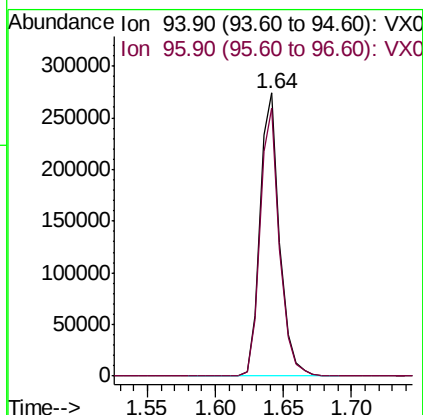
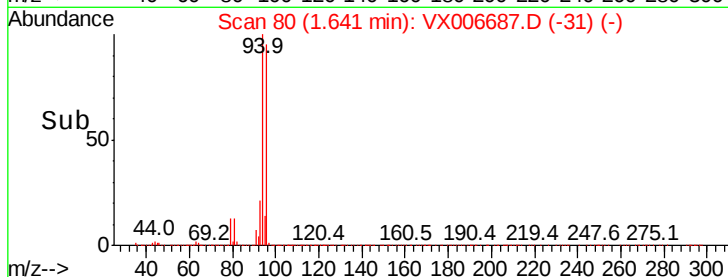
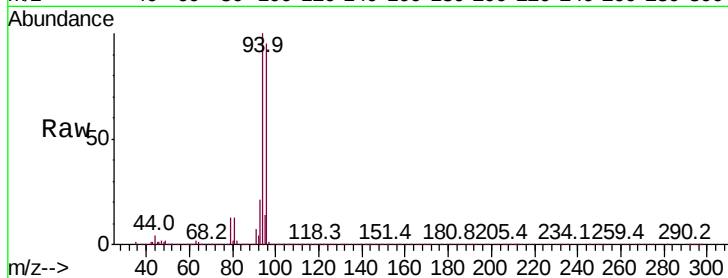
96 94.8 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 46.451 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006687.D

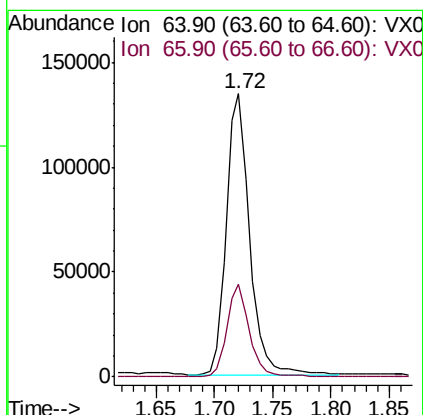
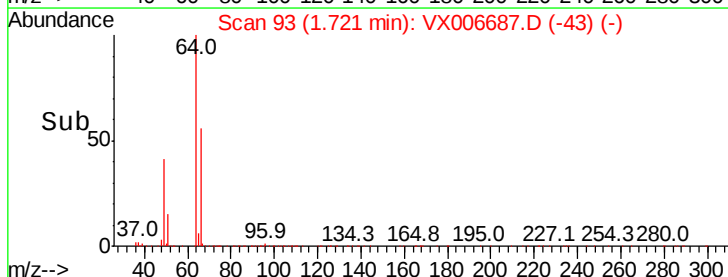
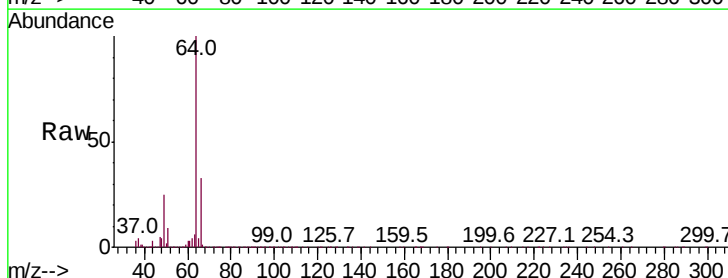
Acq: 20 Dec 2018 20:14

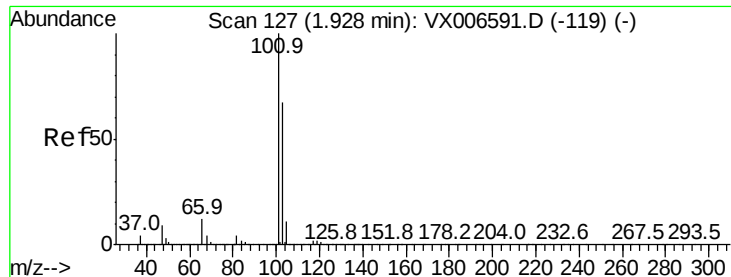
Tgt Ion: 64 Resp: 184927

Ion Ratio Lower Upper

64 100

66 32.7 26.4 39.6





#7

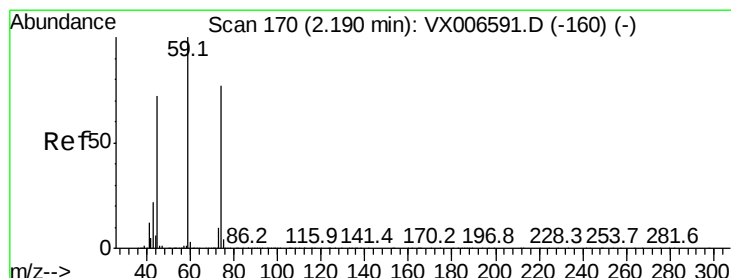
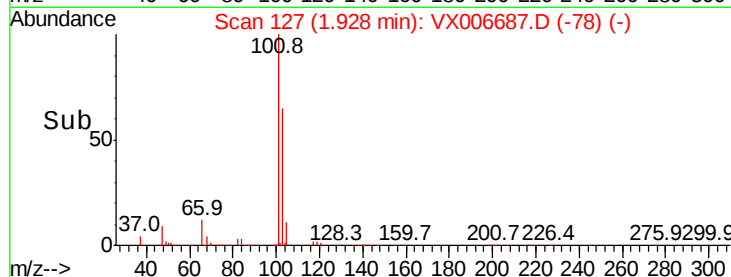
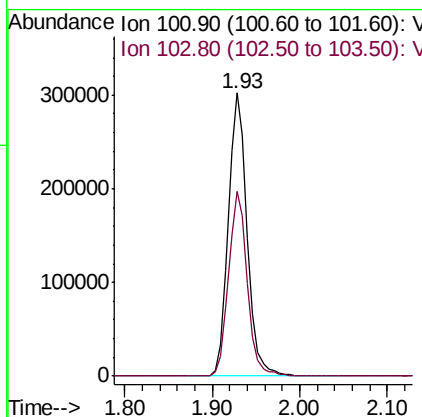
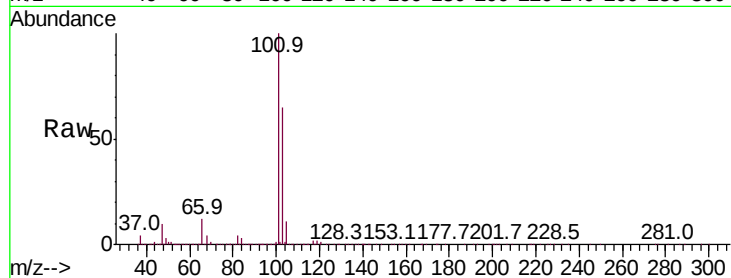
Trichlorofluoromethane
Concen: 50.182 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
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ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.3	53.2	79.8

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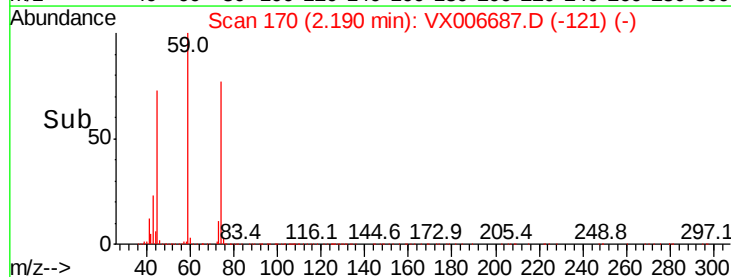
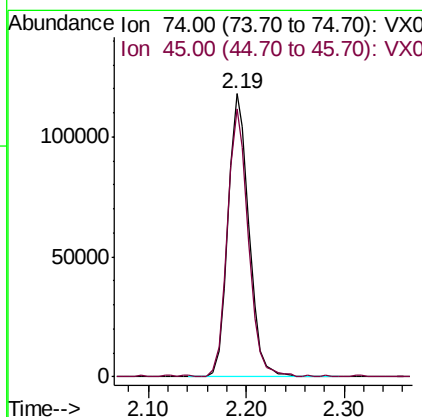
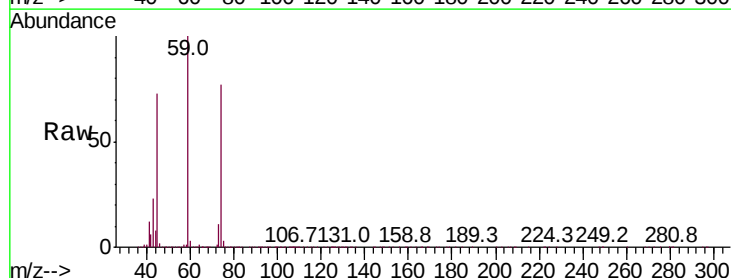
MMDadoda
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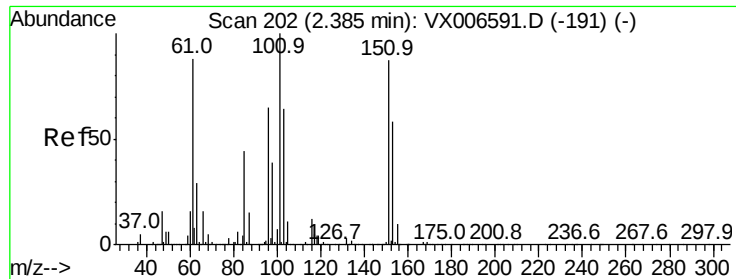


#8

Diethyl Ether
Concen: 48.743 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
74	100		
45	94.5	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.704 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

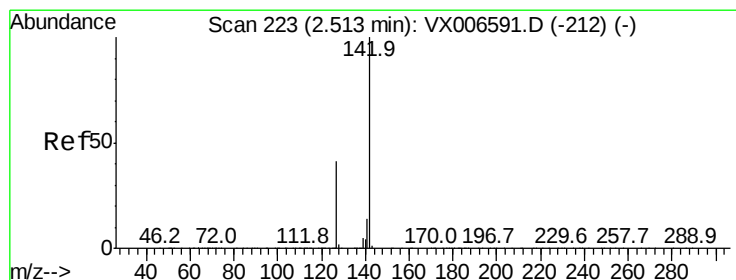
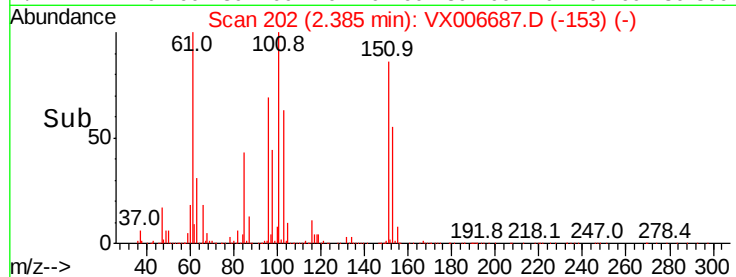
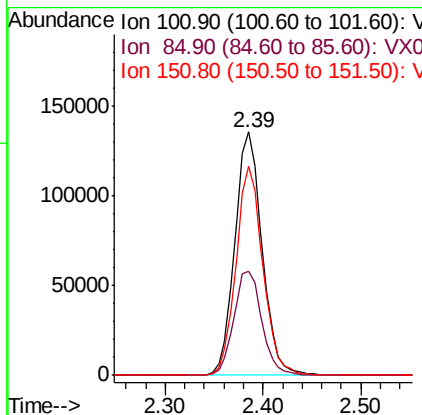
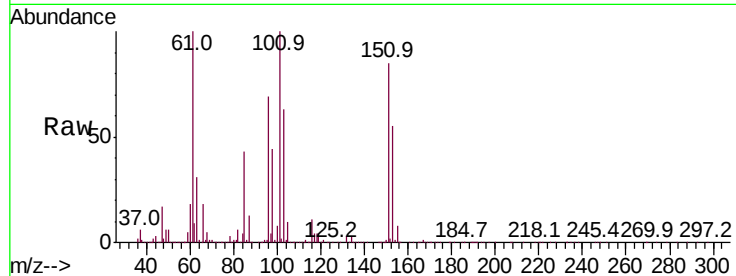
ClientSampleId :

VSTDCCC050EC

Tot Ion:	101	Resp:	261604
Ion Ratio	Lower	Upper	
101	100		
85	44.3	35.1	52.7
151	84.8	68.9	103.3

Manual Integrations
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#10

Methyl Iodide

Concen: 48.441 ug/l

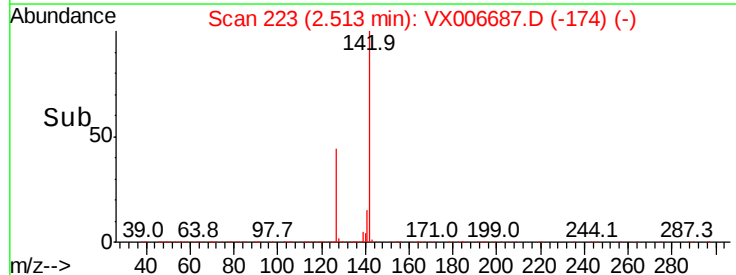
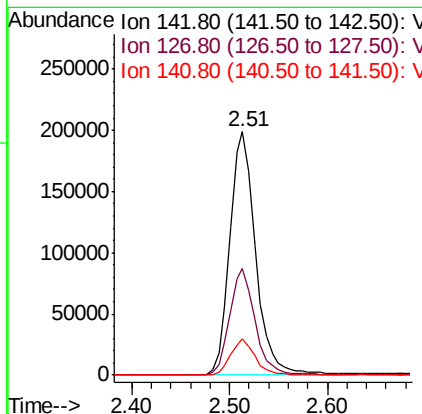
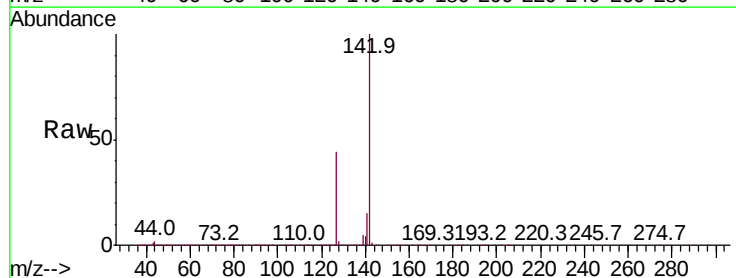
RT: 2.51 min Scan# 223

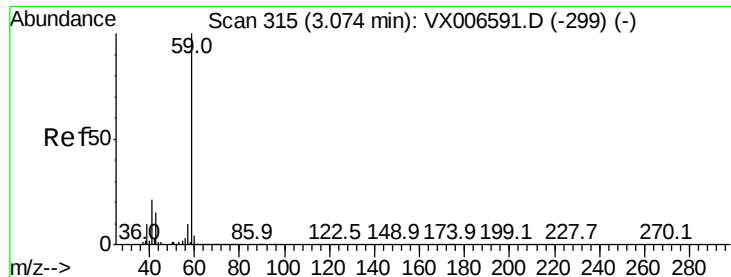
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	142	Resp:	364964
Ion Ratio	Lower	Upper	
142	100		
127	43.2	33.9	50.9
141	14.2	11.4	17.0





#11

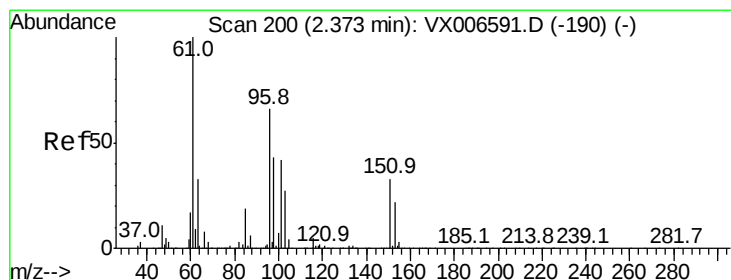
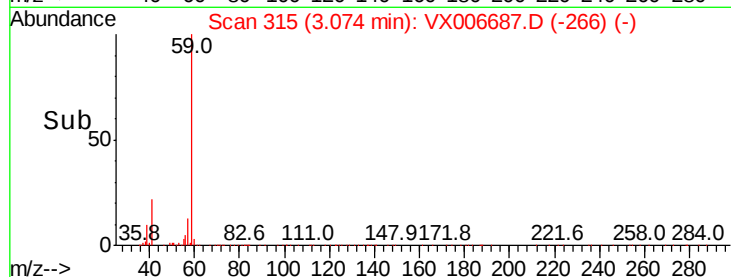
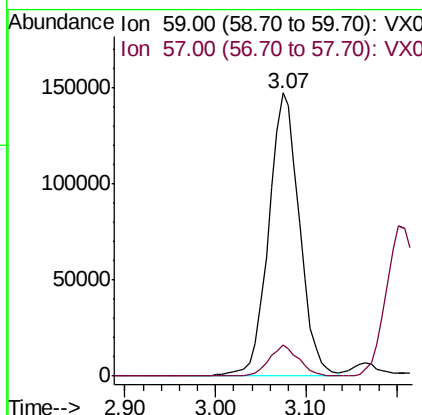
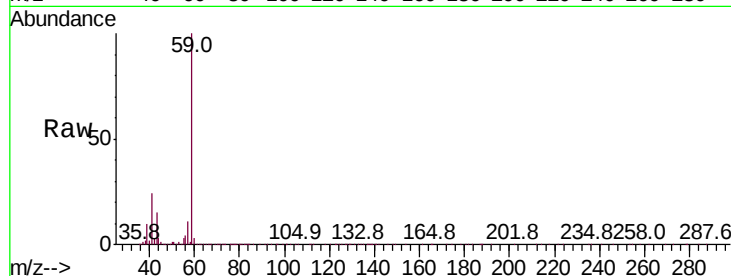
Tert butyl alcohol
 Concen: 257.440 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006687.D
 Acq: 20 Dec 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.6	8.5	12.7

Manual Integrations
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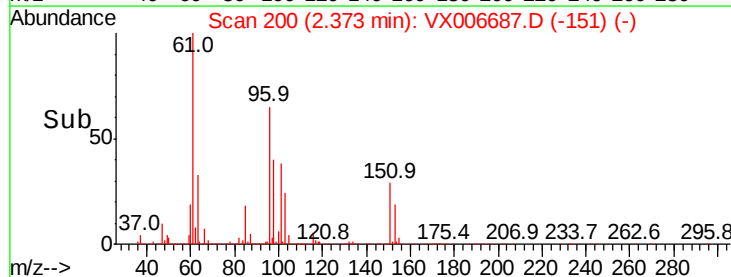
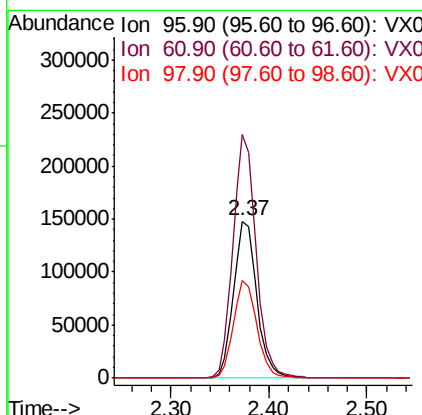
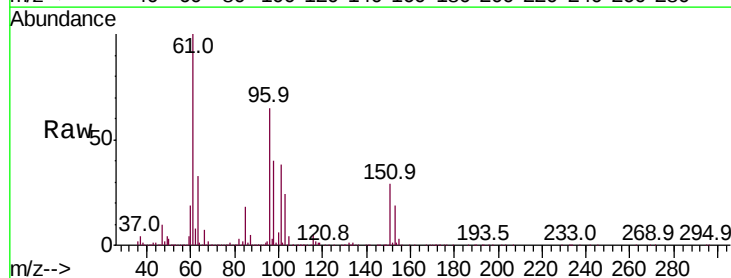
MMDadoda
 12/21/2018 10:19:04 AM

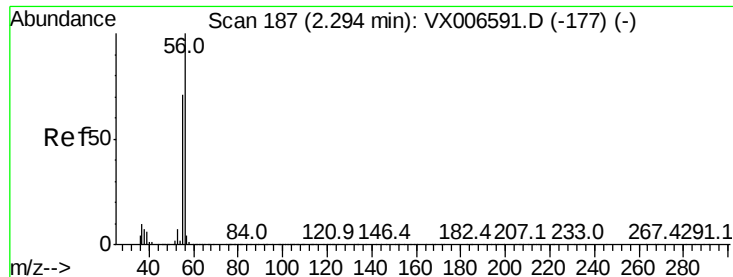


#12

1,1-Dichloroethene
 Concen: 48.855 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006687.D
 Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
96	100		
61	154.8	121.4	182.2
98	62.5	51.9	77.9





#13

Acrolein

Concen: 220.464 ug/l

RT: 2.30 min Scan# 188

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 56 Resp: 199812

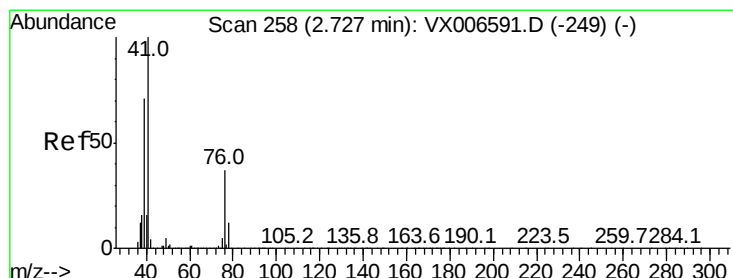
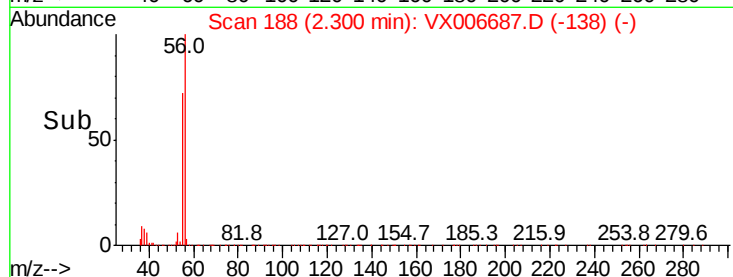
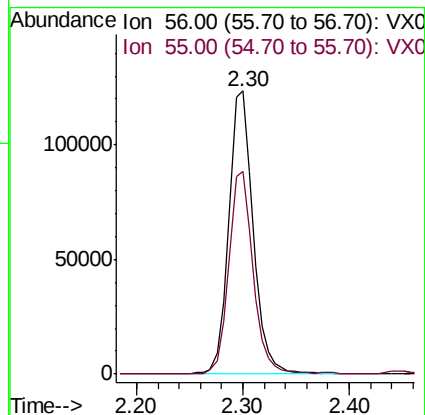
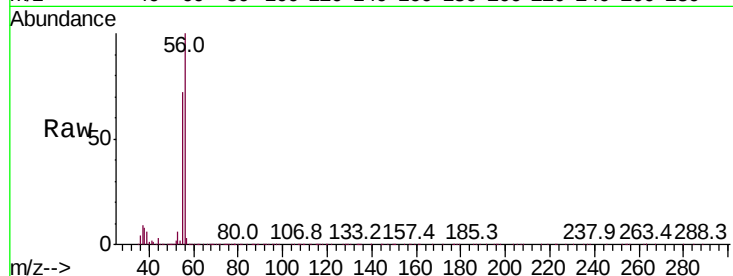
Ion Ratio Lower Upper

56 100

55 70.3 58.2 87.4

Manual Integrations
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#14

Allyl chloride

Concen: 50.963 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

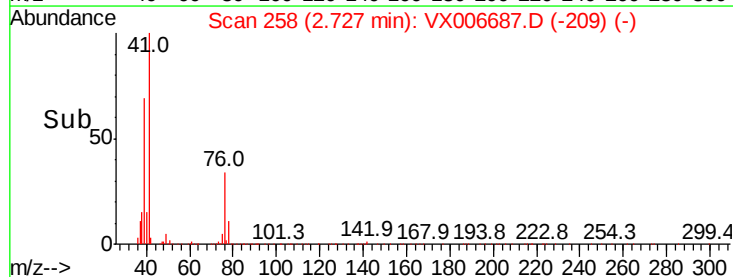
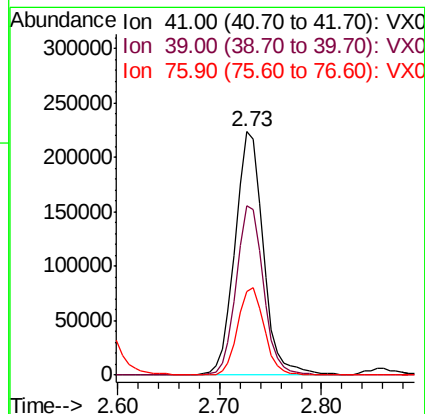
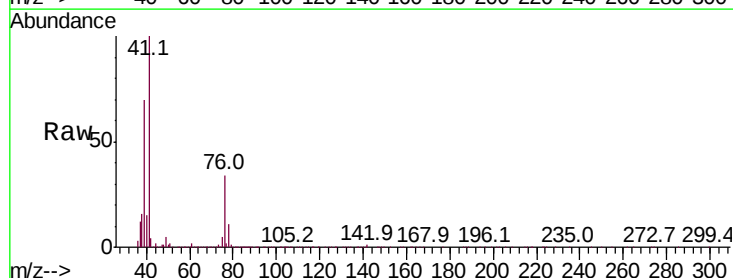
Tgt Ion: 41 Resp: 428112

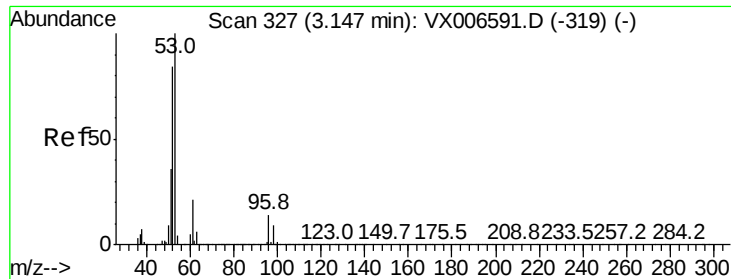
Ion Ratio Lower Upper

41 100

39 67.2 53.6 80.4

76 33.2 27.4 41.2





#15

Acrylonitrile

Concen: 268.423 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

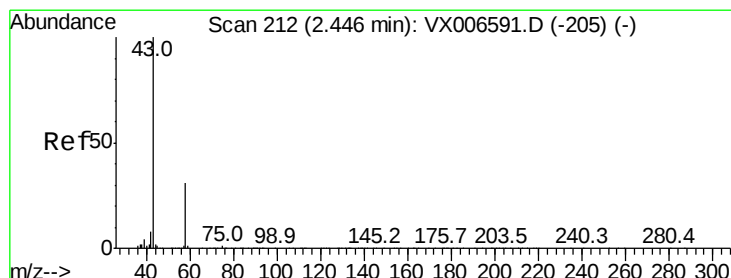
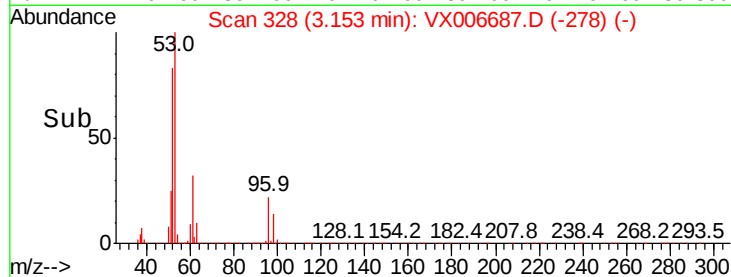
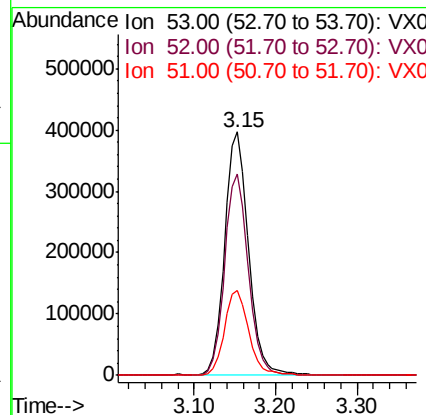
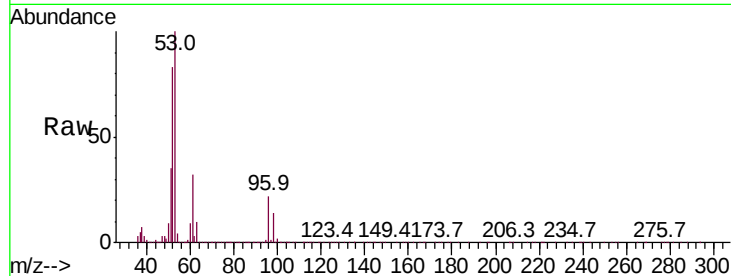
ClientSampleId :

VSTDCCC050EC

Tot Ion:	53	Resp:	800695
Ion Ratio	Lower	Upper	
53	100		
52	82.4	66.0	99.0
51	35.4	28.6	42.8

Manual Integrations
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#16

Acetone

Concen: 244.610 ug/l

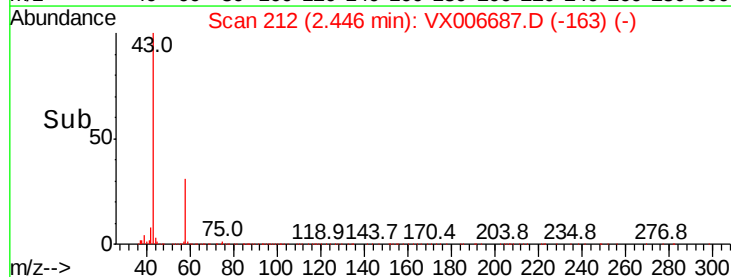
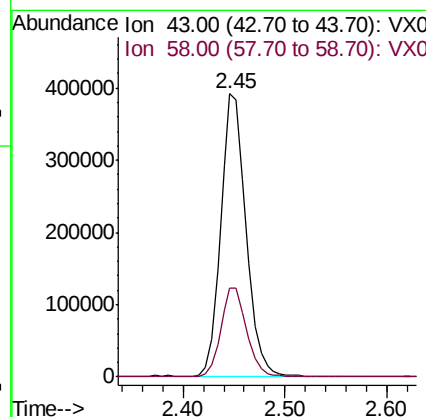
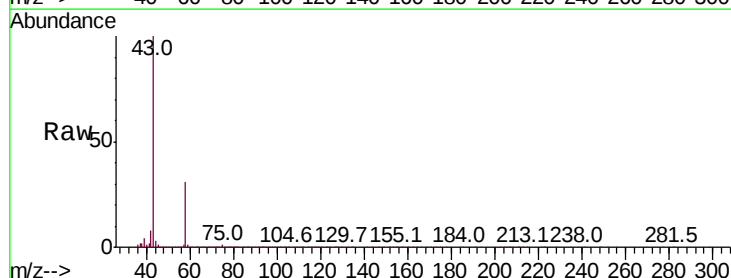
RT: 2.45 min Scan# 212

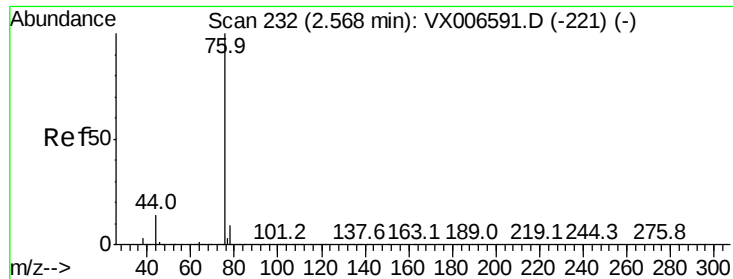
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	43	Resp:	676531
Ion Ratio	Lower	Upper	
43	100		
58	31.2	25.0	37.6





#17

Carbon Disulfide

Concen: 45.494 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 600839

Ion Ratio Lower Upper

76 100

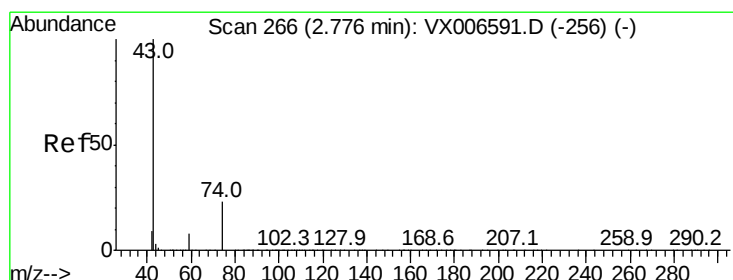
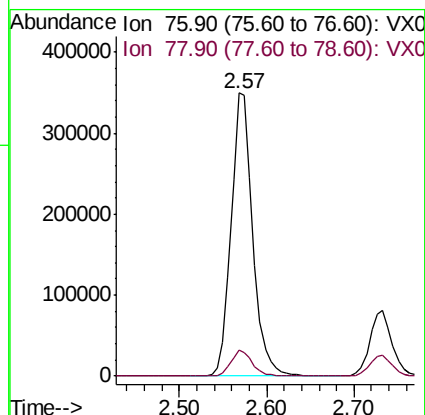
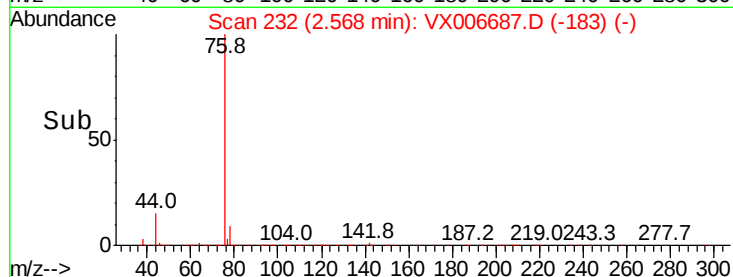
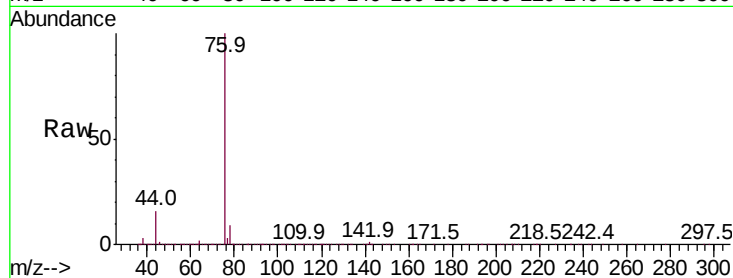
78 9.1 7.0 10.6

Manual Integrations

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#18

Methyl Acetate

Concen: 54.557 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.01 min

Lab File: VX006687.D

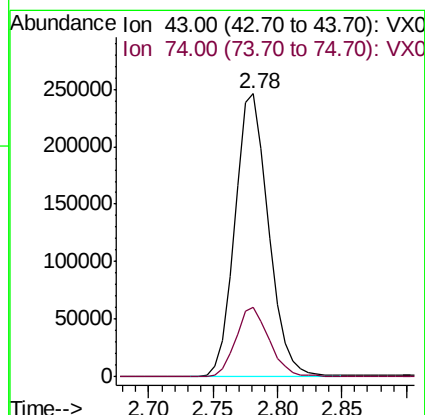
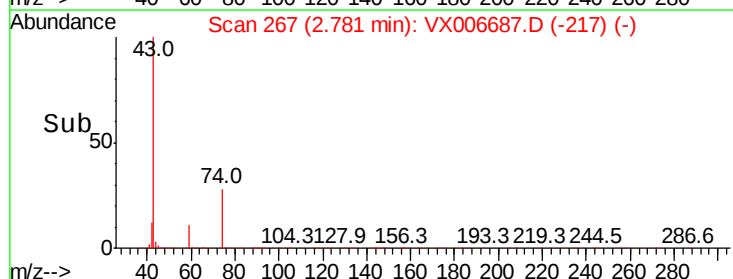
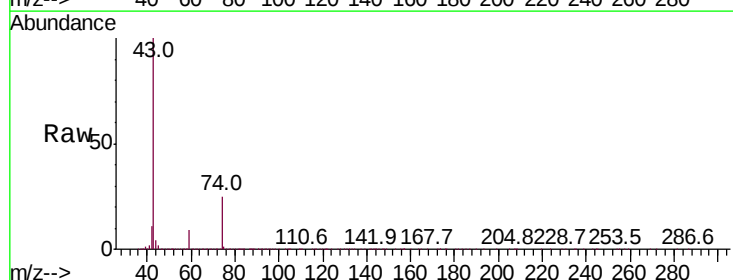
Acq: 20 Dec 2018 20:14

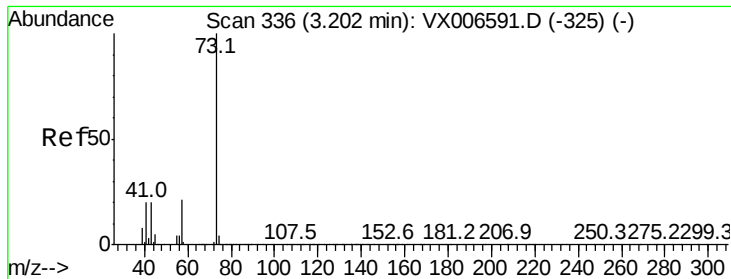
Tgt Ion: 43 Resp: 443691

Ion Ratio Lower Upper

43 100

74 24.8 18.6 28.0





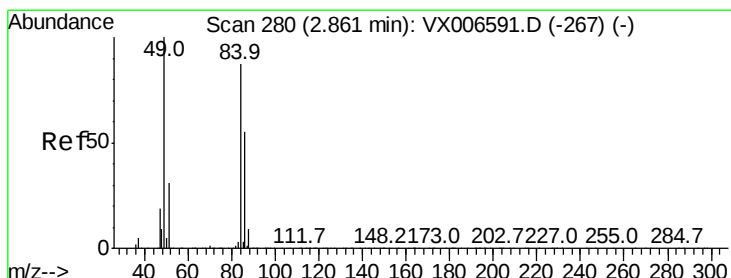
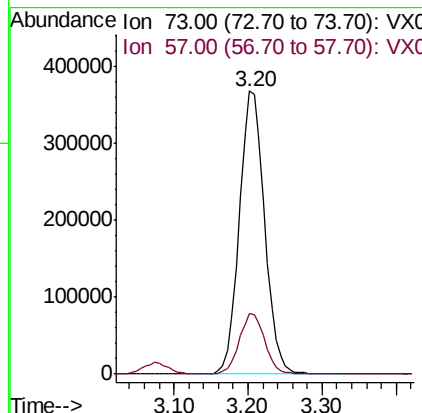
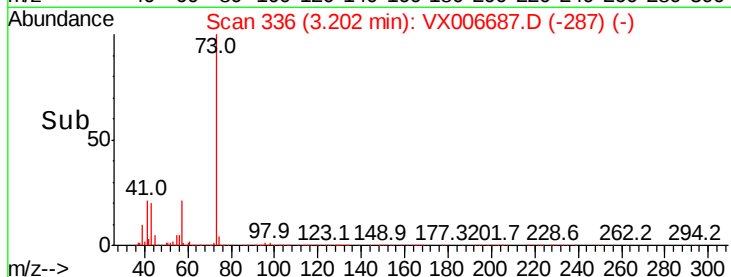
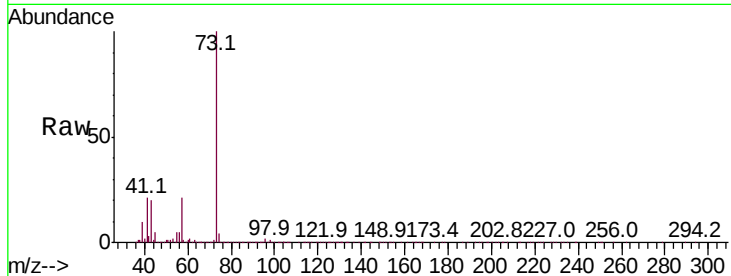
#19
Methvl tert-butvl Ether
Concen: 52.795 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.3	16.8	25.2

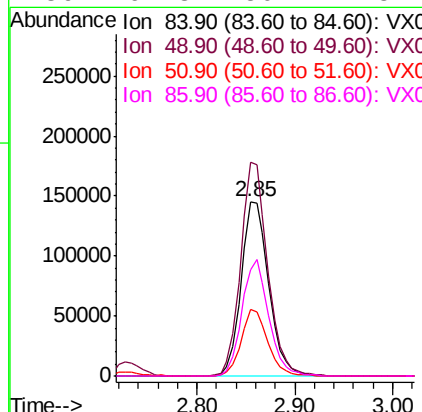
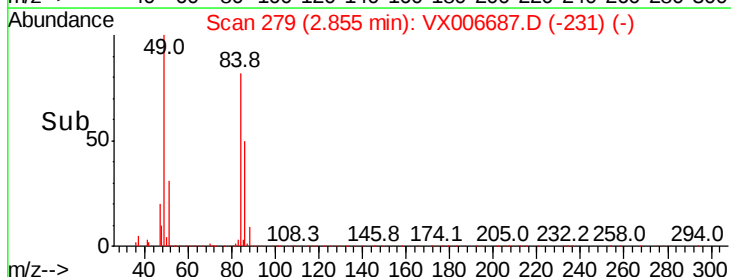
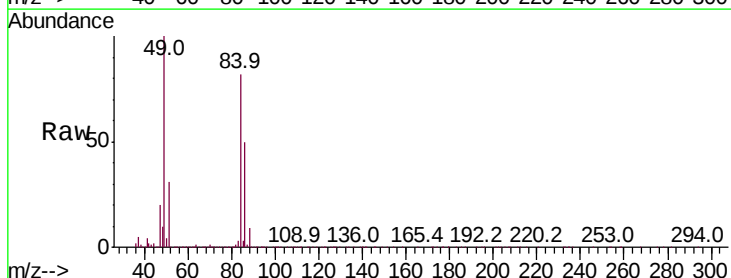
Manual Integrations
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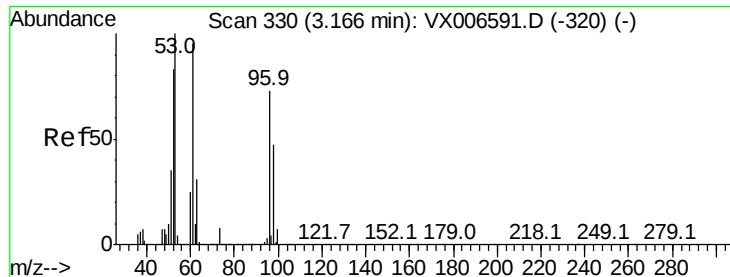
MMDadoda
12/21/2018 10:19:04 AM



#20
Methylene Chloride
Concen: 49.753 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
84	100		
49	122.3	91.8	137.6
51	38.0	28.5	42.7
86	61.3	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 47.937 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 96 Resp: 265072

Ion Ratio Lower Upper

96 100

61 133.6 103.7 155.5

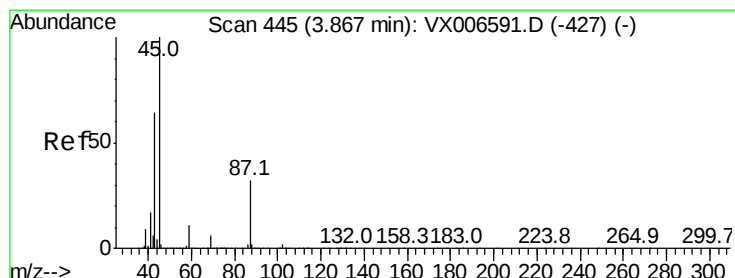
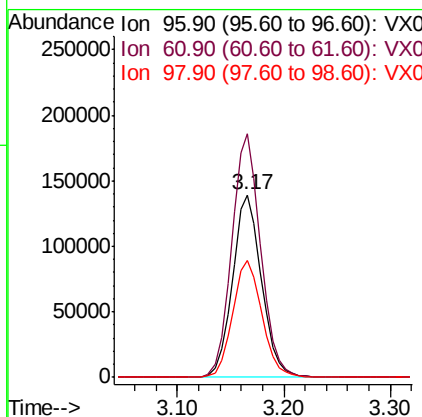
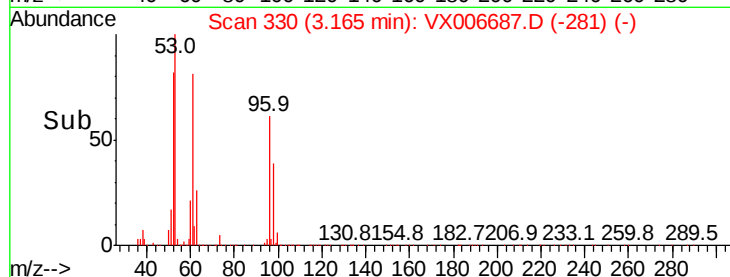
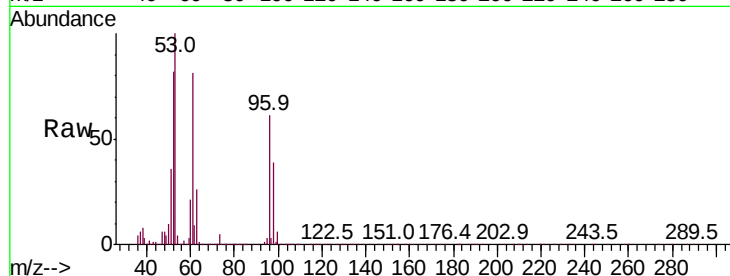
98 64.3 51.0 76.6

Manual Integrations

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#22

Diisopropyl ether

Concen: 53.351 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion: 45 Resp: 819898

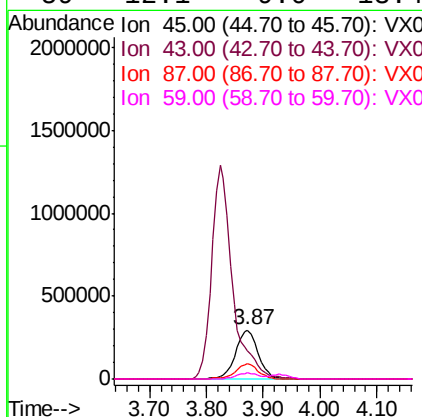
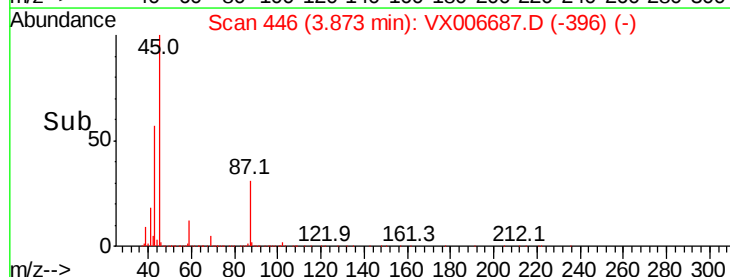
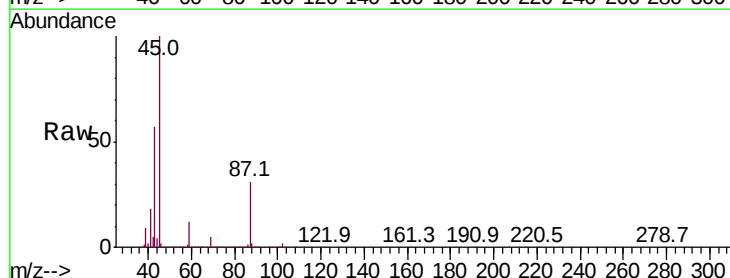
Ion Ratio Lower Upper

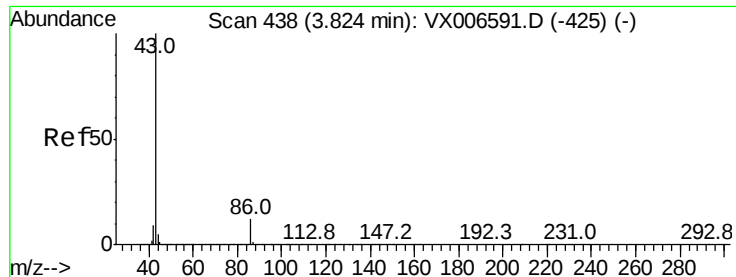
45 100

43 57.0 51.2 76.8

87 31.0 25.8 38.6

59 12.1 9.0 13.4





#23

Vinyl Acetate

Concen: 260.865 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 3279202

Ion Ratio Lower Upper

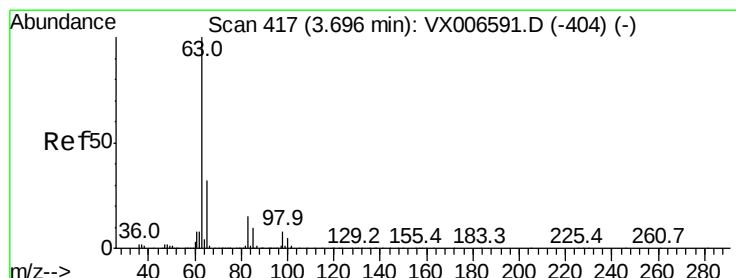
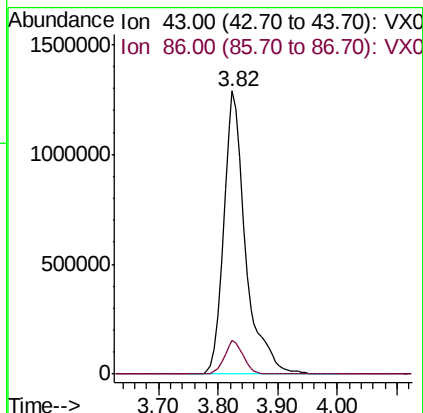
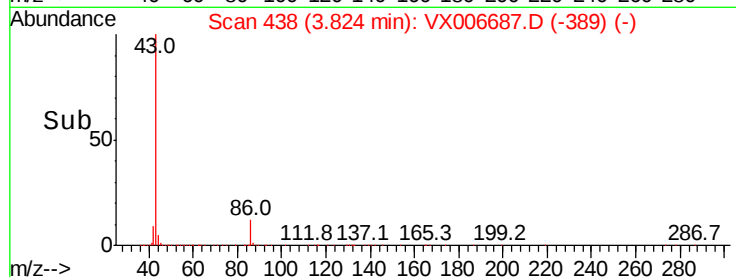
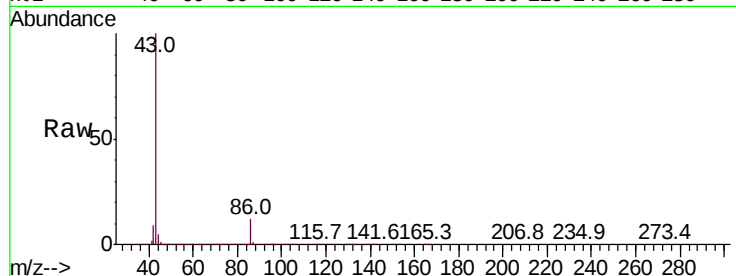
43 100

86 11.8 9.2 13.8

Manual Integrations
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MMDadoda

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#24

1,1-Dichloroethane

Concen: 49.904 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

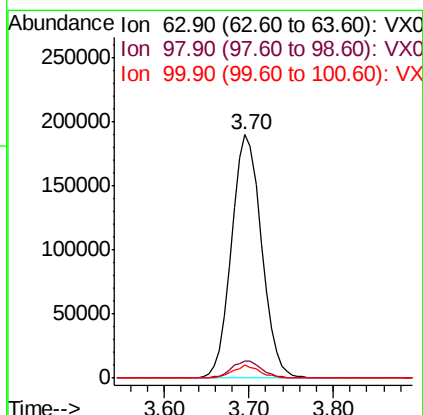
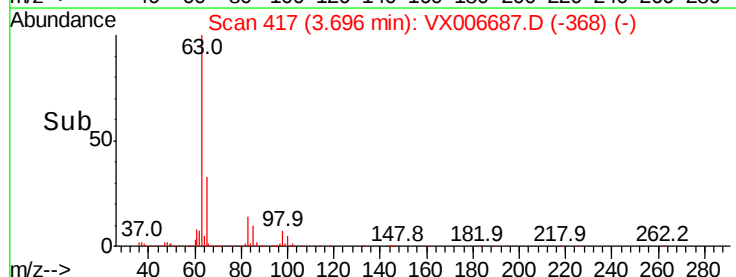
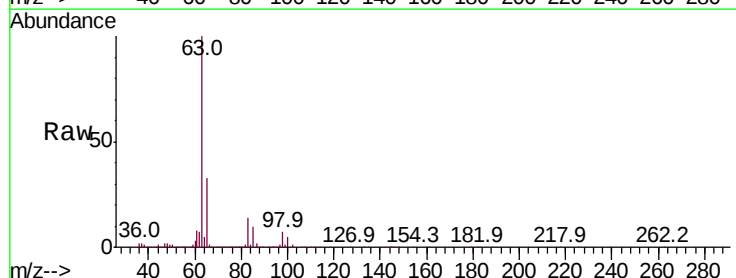
Tgt Ion: 63 Resp: 457820

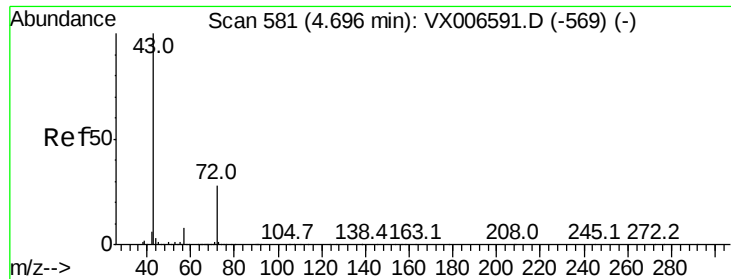
Ion Ratio Lower Upper

63 100

98 7.0 3.9 11.5

100 5.4 2.4 7.2





#25

2-Butanone

Concen: 259.009 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 43 Resp: 1007644

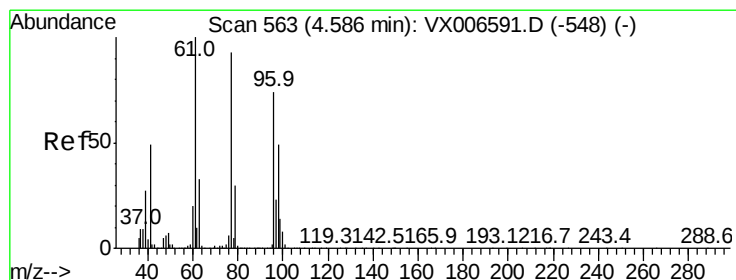
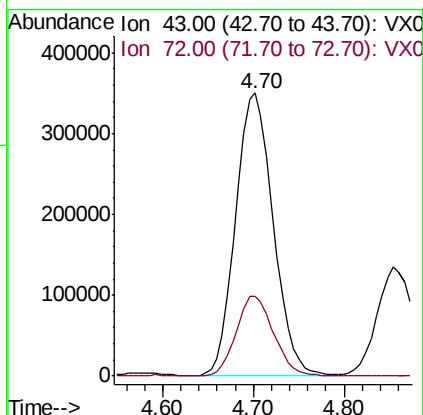
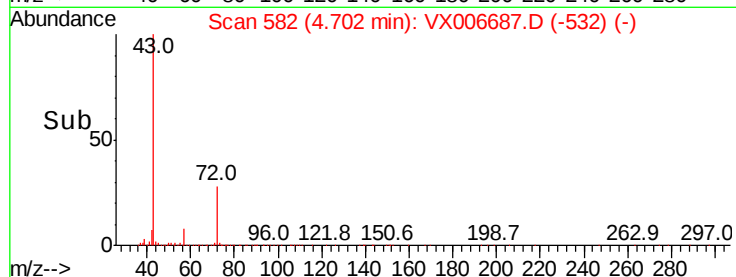
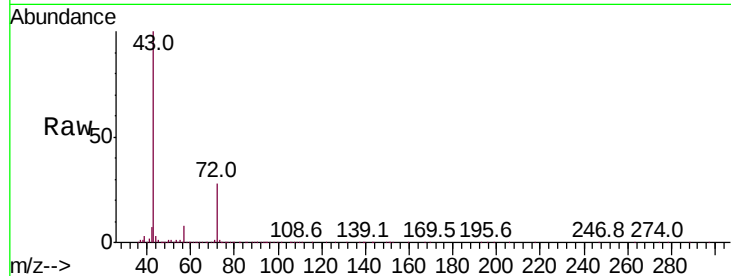
Ion Ratio Lower Upper

43 100

72 28.3 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 45.622 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006687.D

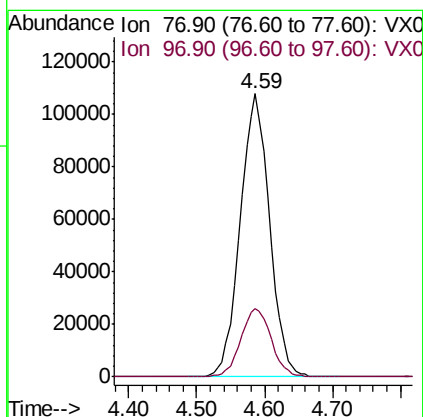
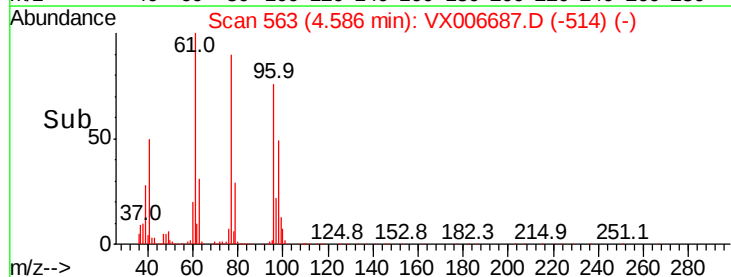
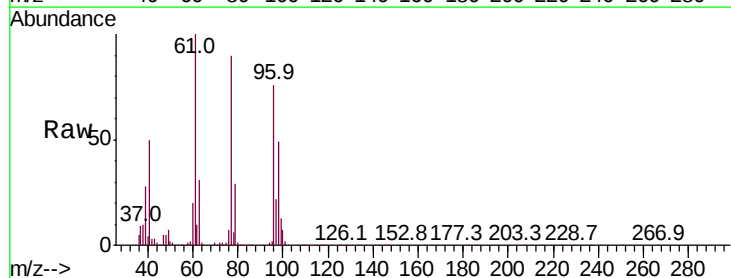
Acq: 20 Dec 2018 20:14

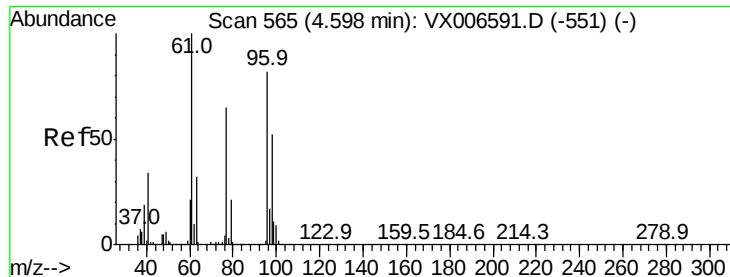
Tgt Ion: 77 Resp: 323303

Ion Ratio Lower Upper

77 100

97 25.1 12.4 37.4





#27

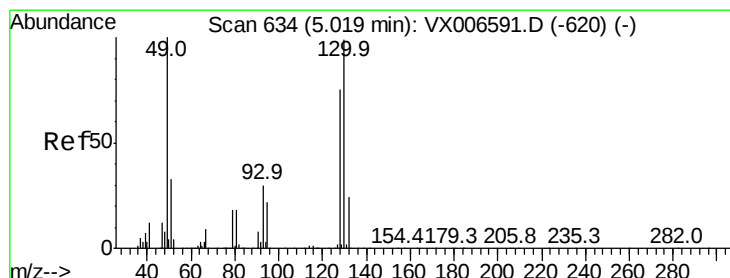
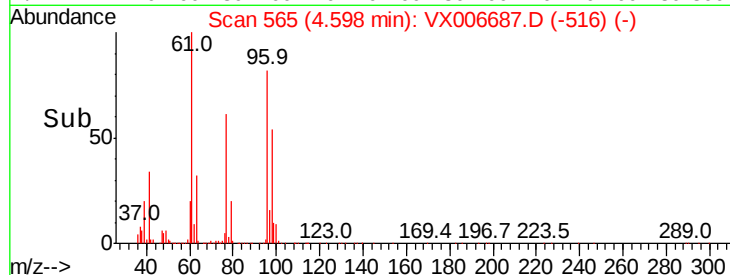
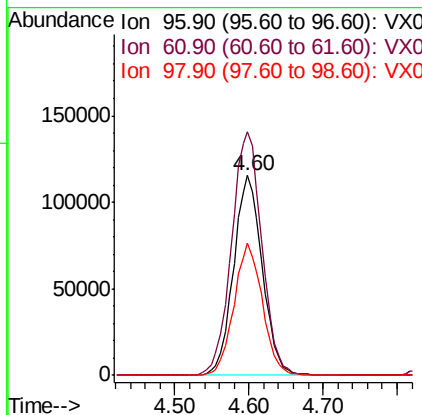
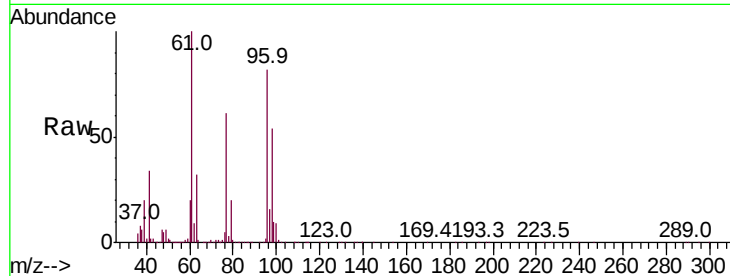
cis-1,2-Dichloroethene
Concen: 51.205 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
96	100	312395		
61	128.3	0.0	258.6	
98	65.4	0.0	132.0	

Manual Integrations
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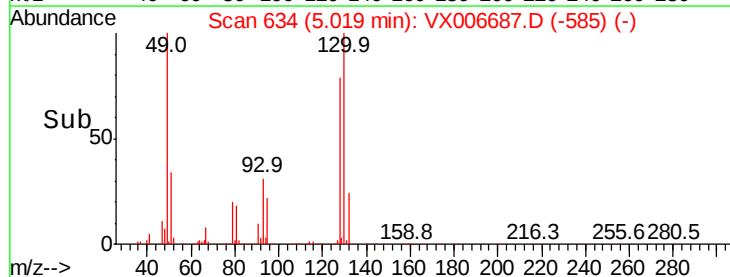
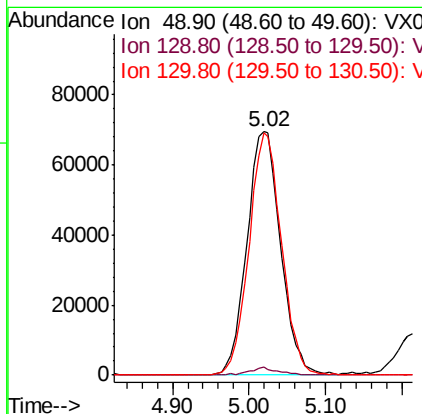
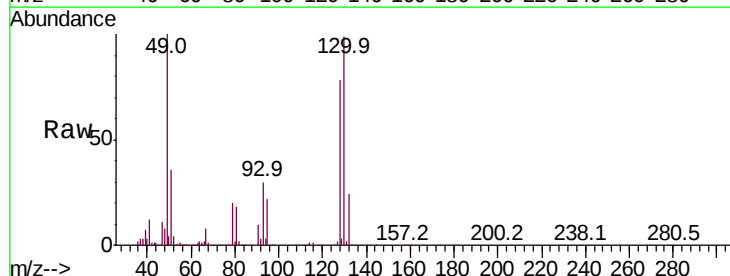
MMDadoda
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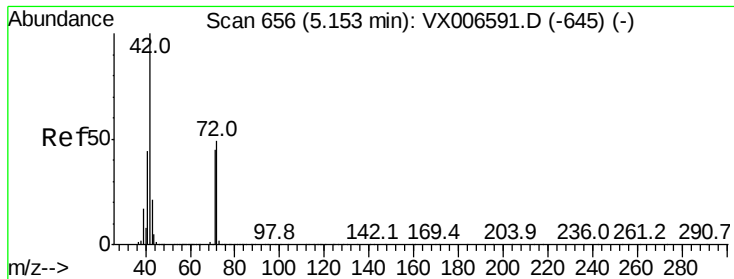


#28

Bromochloromethane
Concen: 55.165 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
49	100	212595		
129	2.7	0.0	5.4	
130	96.1	77.7	116.5	





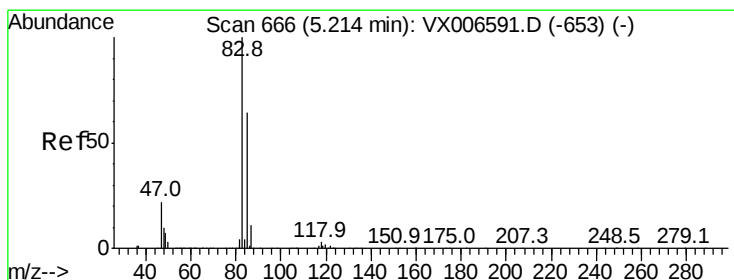
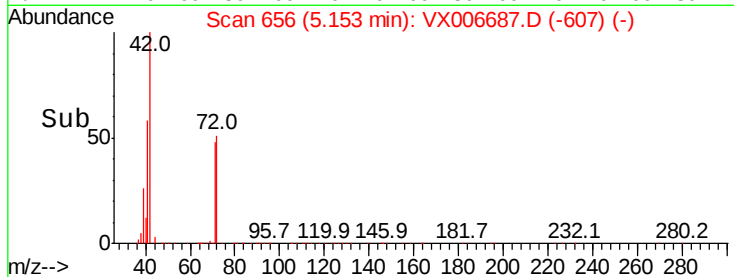
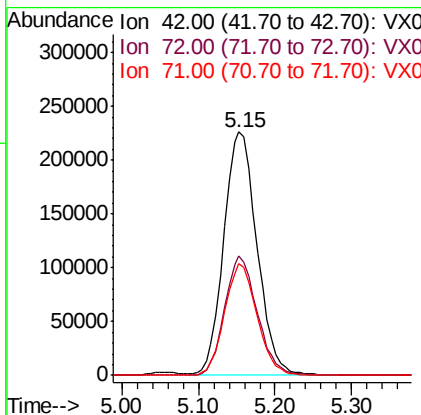
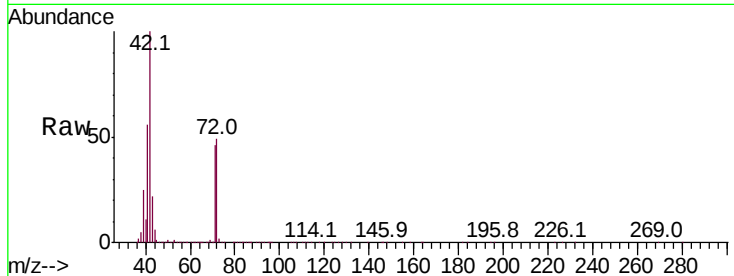
#29
Tetrahydrofuran
Concen: 264.619 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
42	100		
72	48.5	38.9	58.3
71	44.8	36.2	54.4

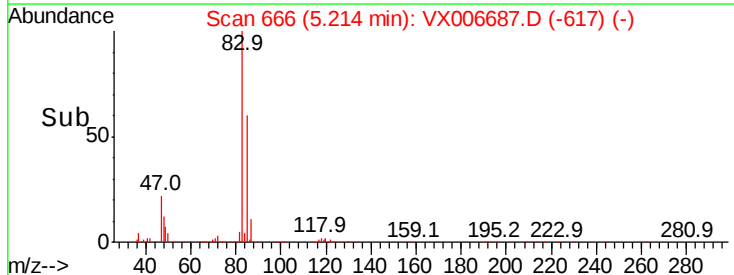
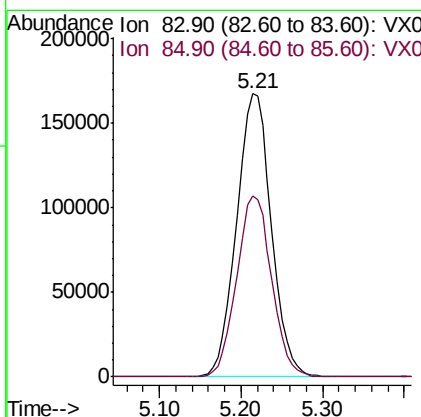
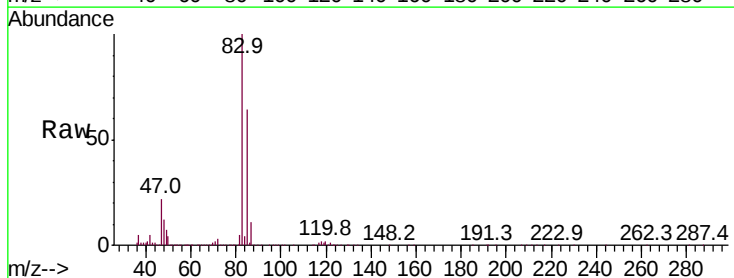
Manual Integrations
APPROVED

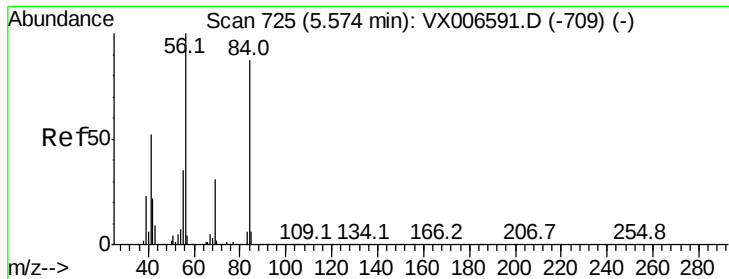
MMDadoda
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#30
Chloroform
Concen: 51.975 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.2	51.2	76.8





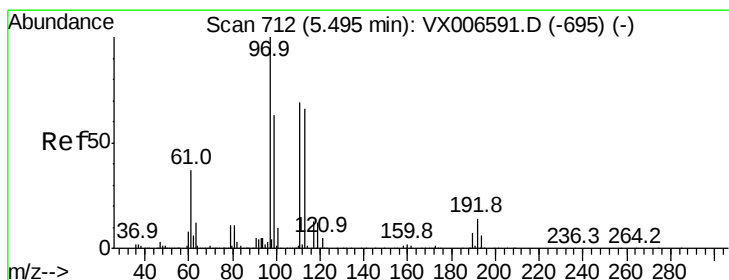
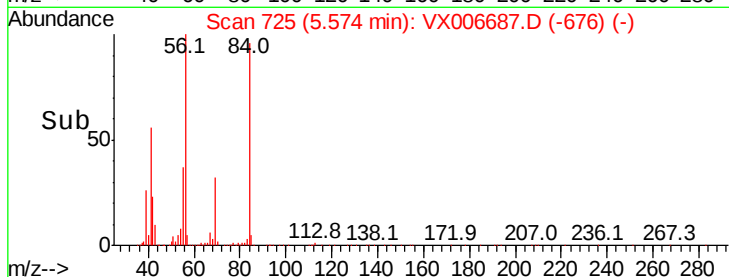
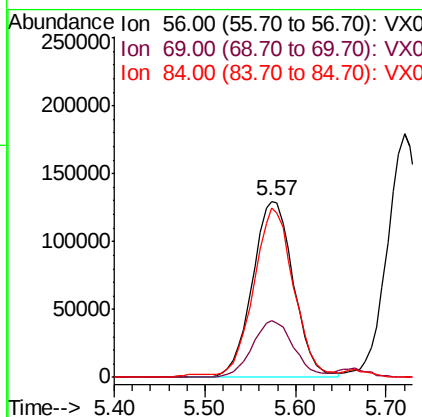
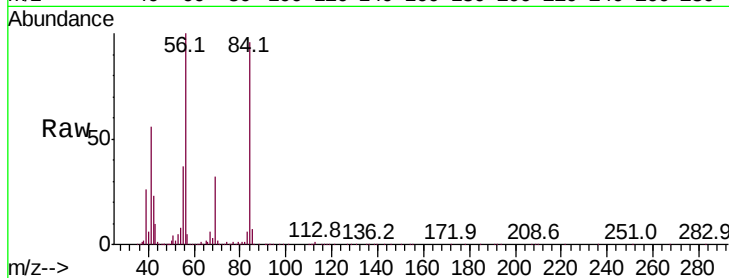
#31
Cyclohexane
Concen: 48.633 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
56	100		
69	31.9	24.4	36.6
84	94.9	70.0	105.0

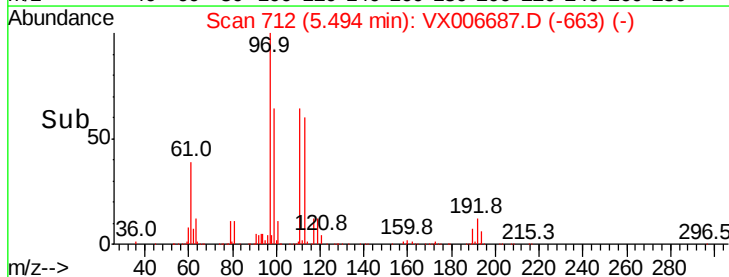
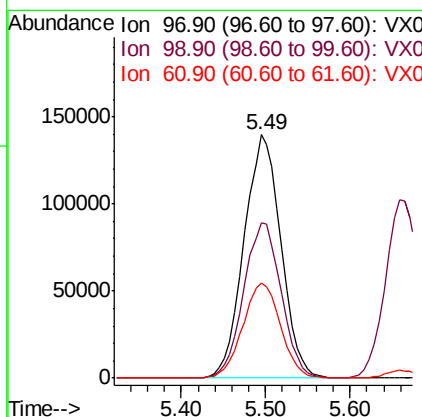
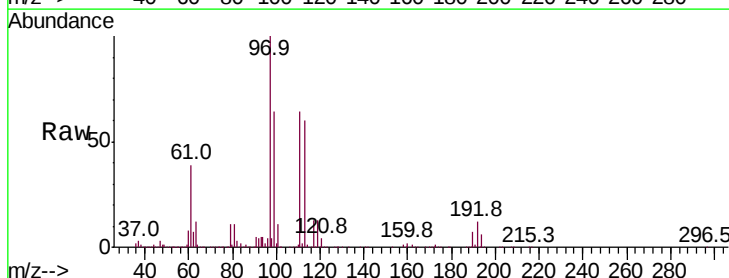
Manual Integrations
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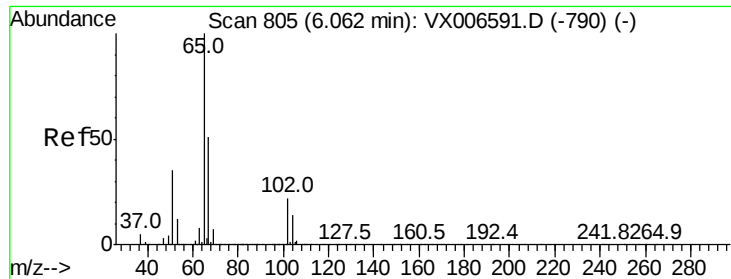
MMDadoda
12/21/2018 10:19:04 AM



#32
1,1,1-Trichloroethane
Concen: 51.912 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.9	51.7	77.5
61	39.9	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.144 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 65 Resp: 301863

Ion Ratio Lower Upper

65 100

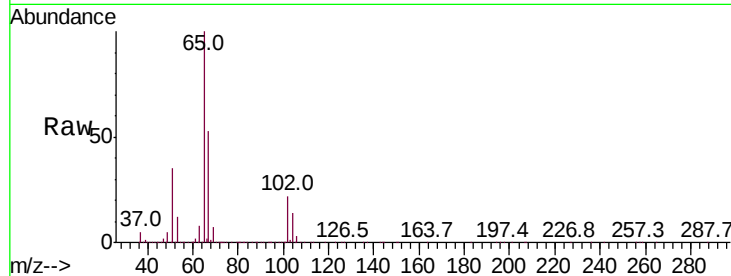
67 53.4 0.0 105.0

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

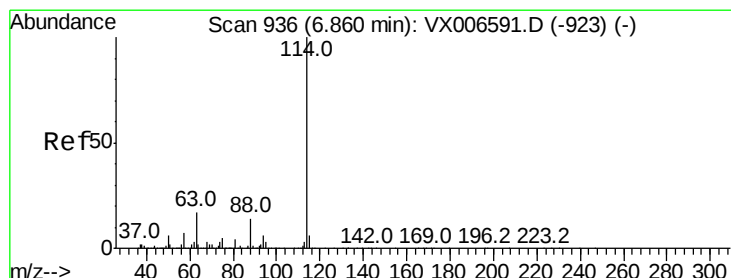
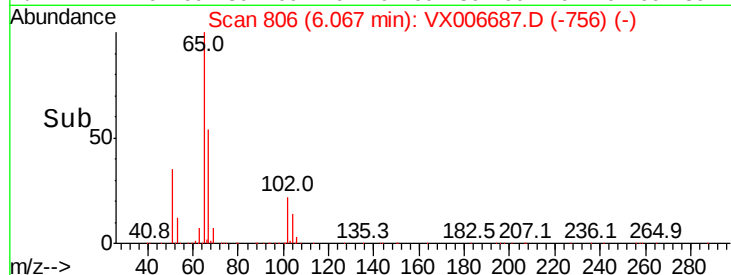
100000

50000

0

Time-->

6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

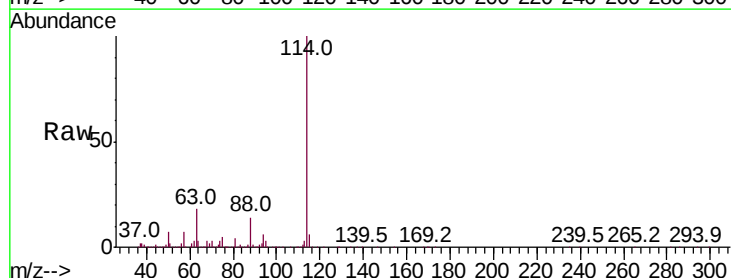
Tgt Ion: 114 Resp: 873219

Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.8

88 14.2 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

500000

400000

300000

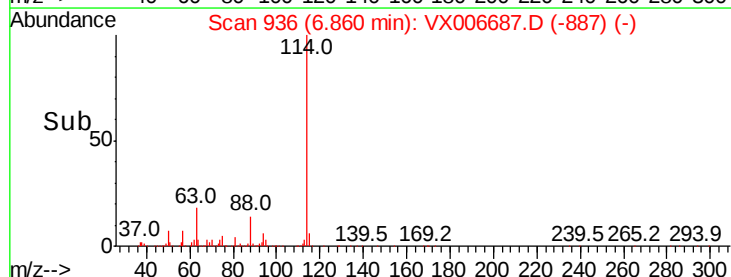
200000

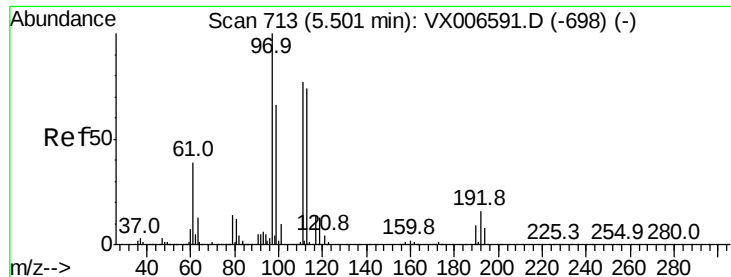
100000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 49.333 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

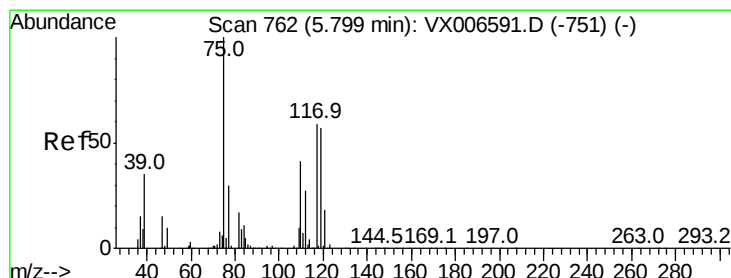
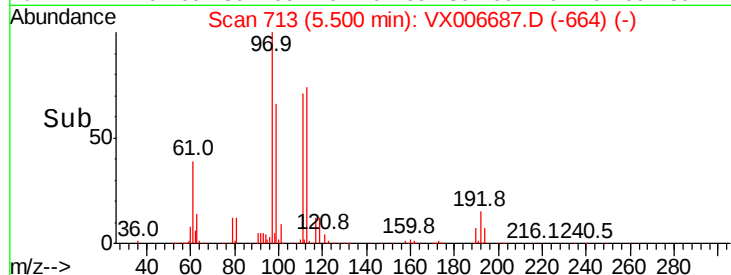
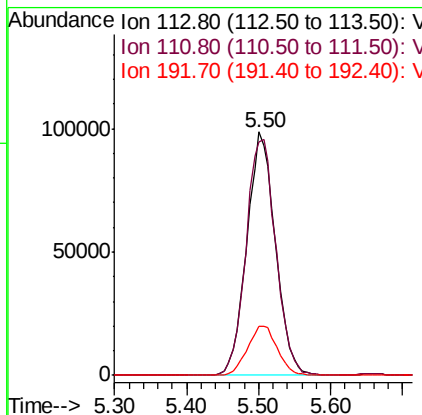
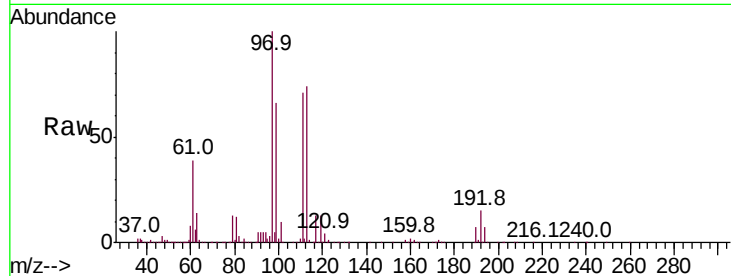
ClientSampleId :

VSTDCCC050EC

Tot Ion:	113	Resp:	272421
Ion Ratio	Lower	Upper	
113	100		
111	100.9	81.6	122.4
192	21.1	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.538 ug/l

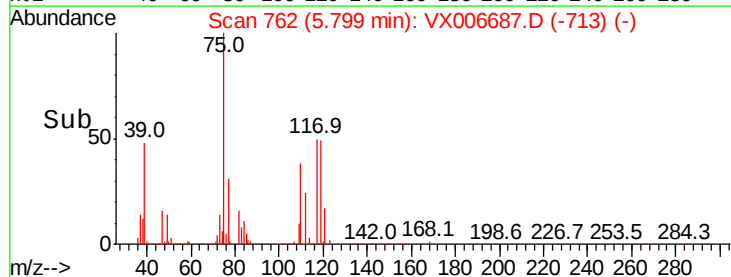
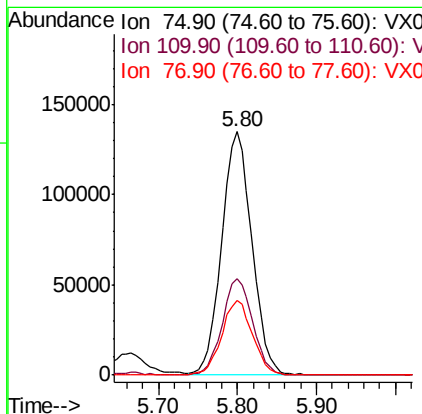
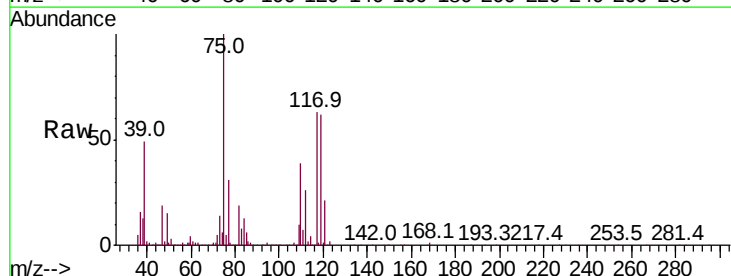
RT: 5.80 min Scan# 762

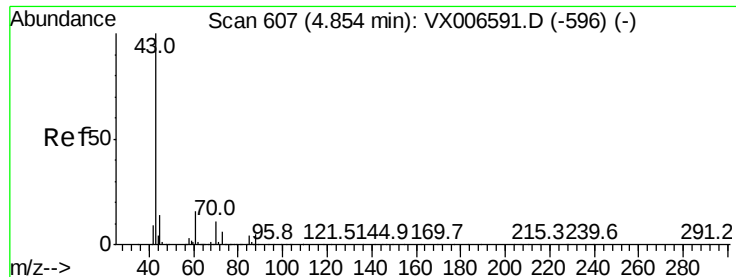
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	75	Resp:	358274
Ion Ratio	Lower	Upper	
75	100		
110	39.9	20.2	60.5
77	31.2	24.8	37.2





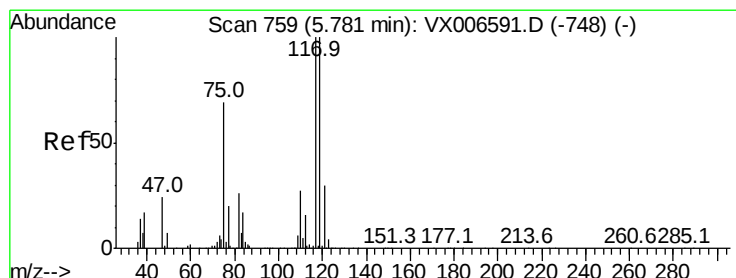
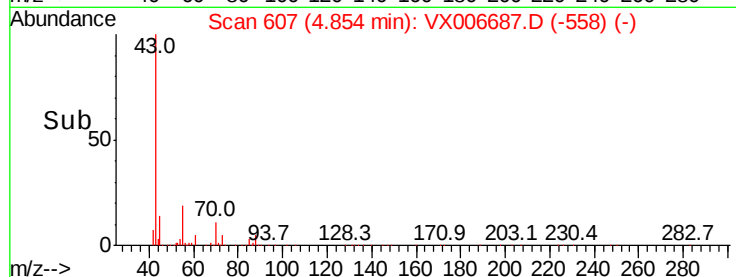
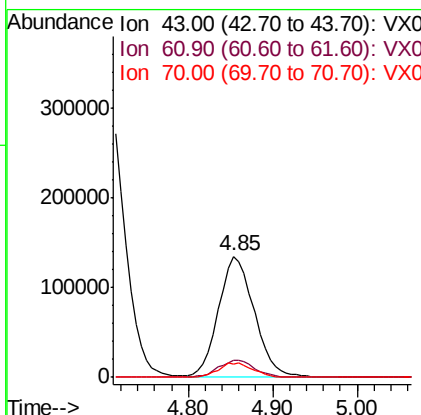
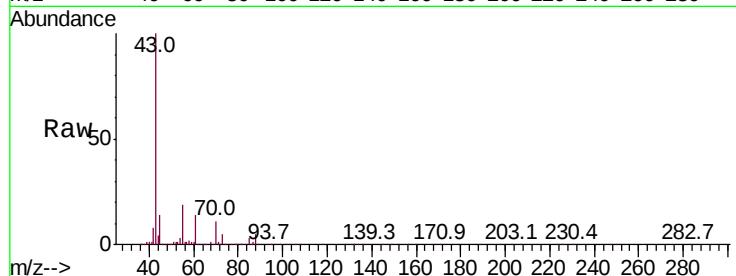
#37
Ethyl Acetate
Concen: 51.526 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
43	100		
61	14.1	11.9	17.9
70	11.6	9.7	14.5

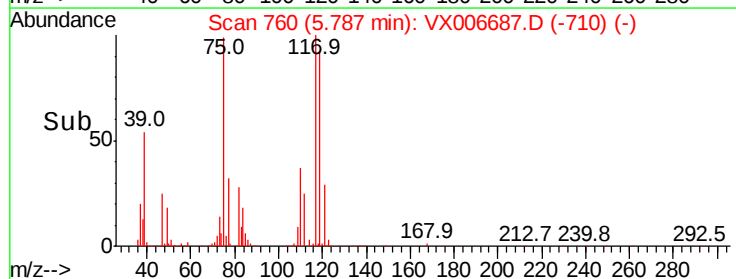
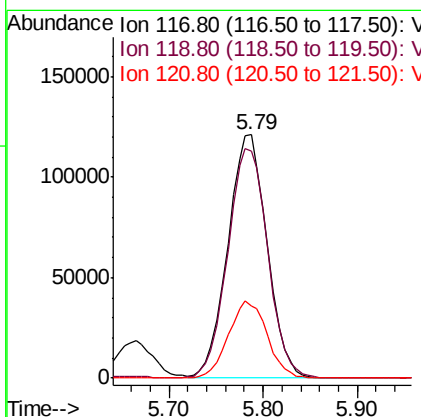
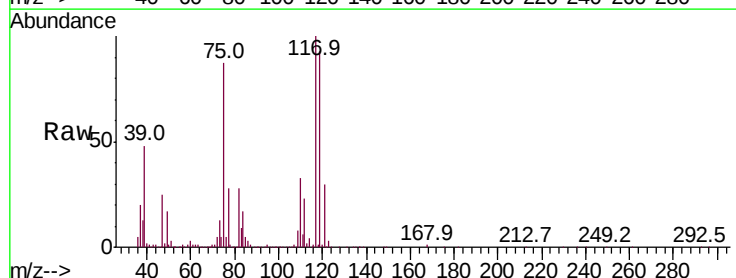
Manual Integrations
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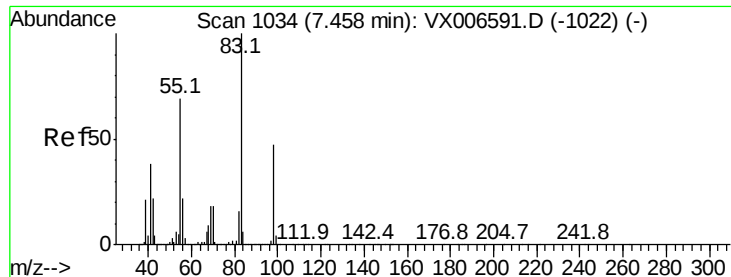
MMDadoda
12/21/2018 10:19:04 AM



#38
Carbon Tetrachloride
Concen: 49.885 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	93.1	79.4	119.2
121	29.5	24.0	36.0





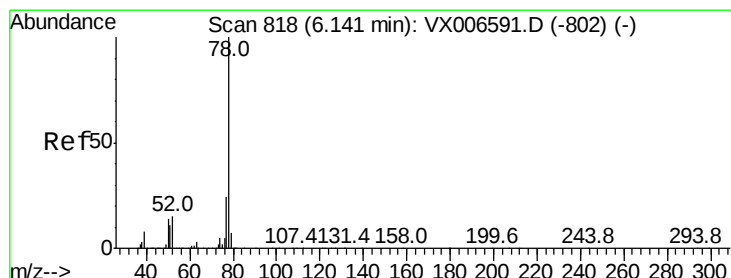
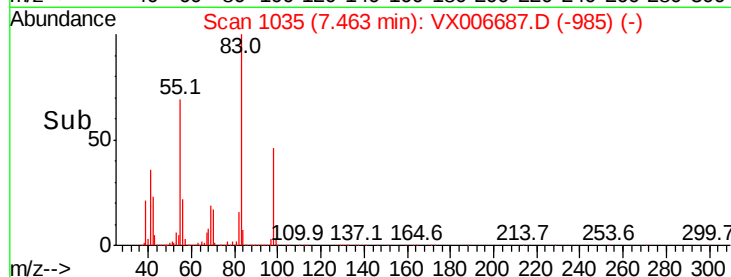
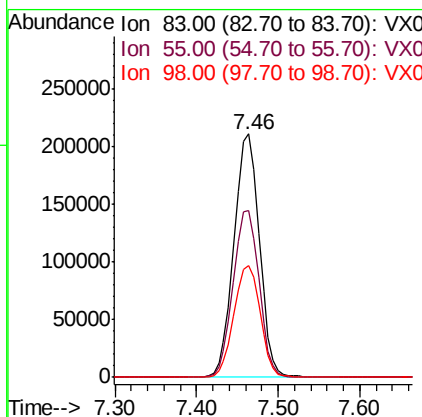
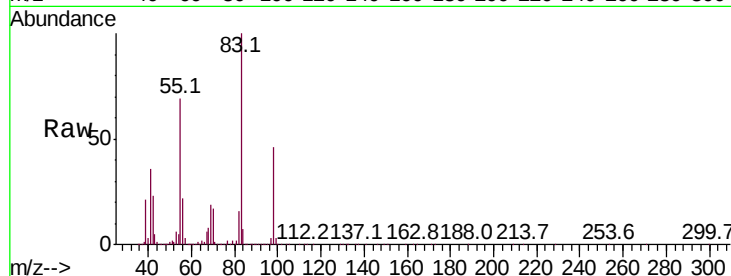
#39
Methvlcvclohexane
Concen: 47.759 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.01 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
83	100		
55	68.7	54.9	82.3
98	45.8	37.9	56.9

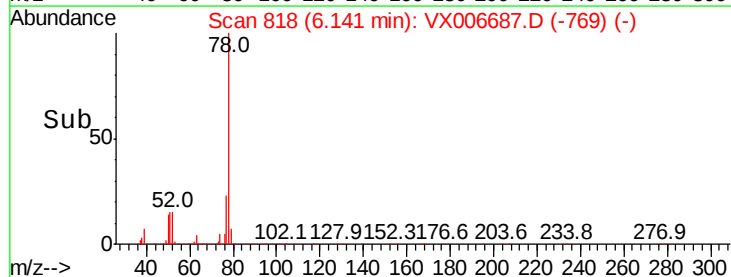
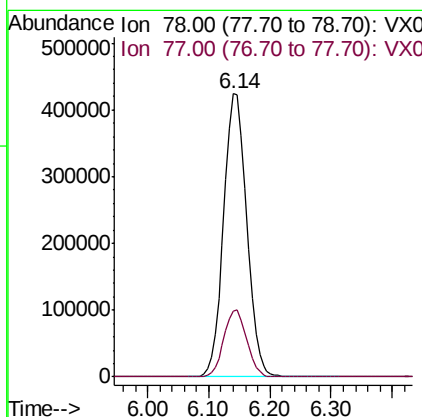
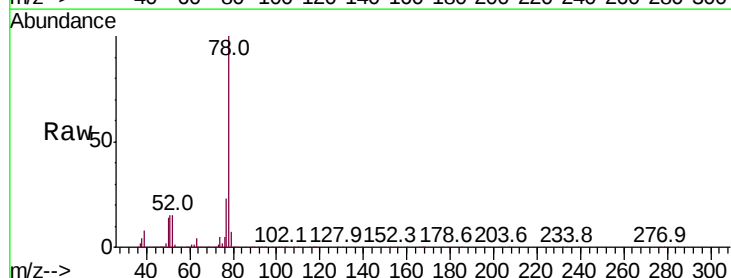
Manual Integrations
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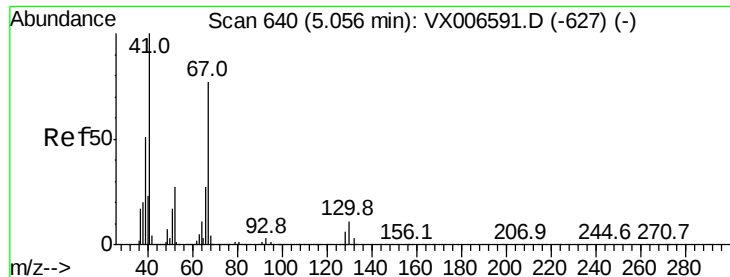
MMDadoda
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#40
Benzene
Concen: 50.504 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





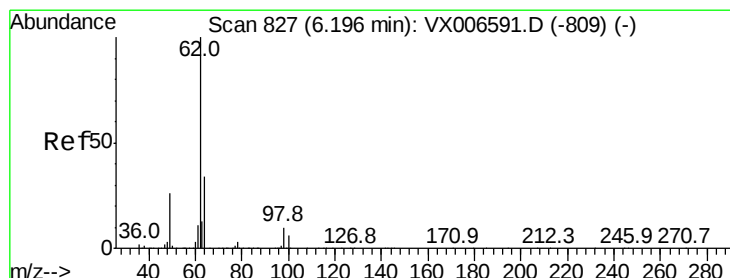
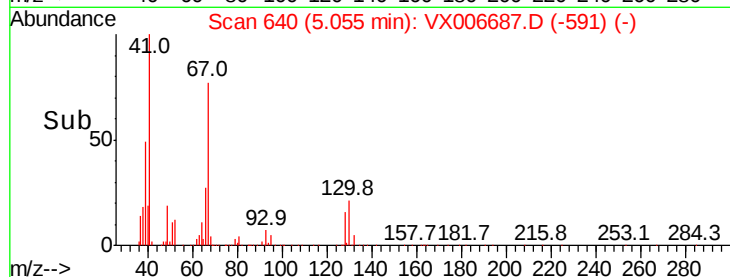
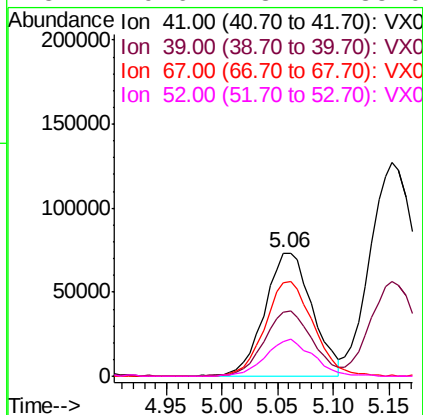
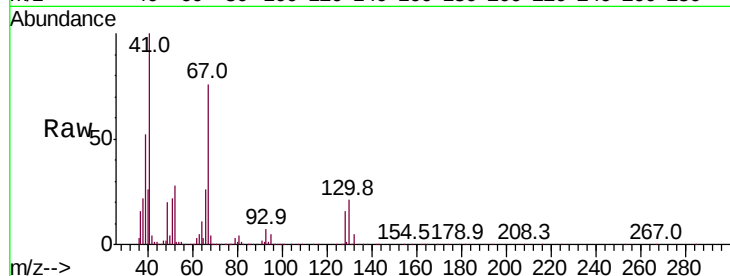
#41
Methacrylonitrile
Concen: 54.224 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
41	100		
39	54.4	42.8	64.2
67	78.1	62.1	93.1
52	29.6	23.4	35.0

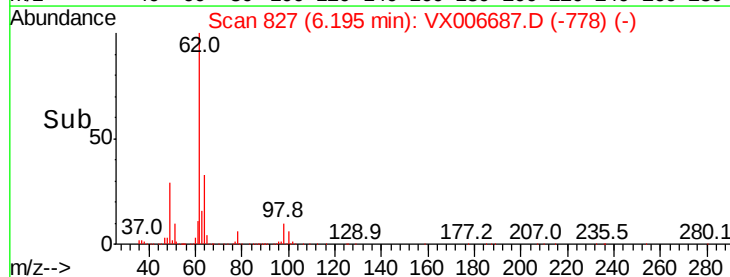
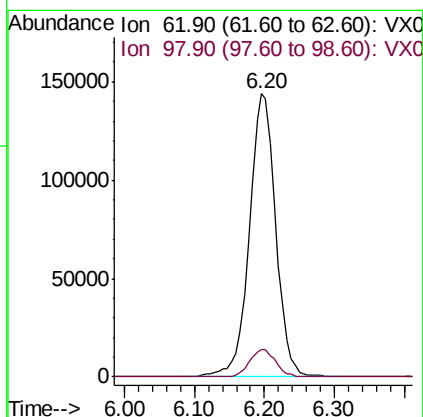
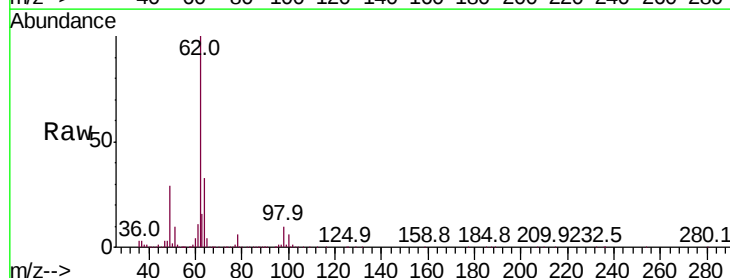
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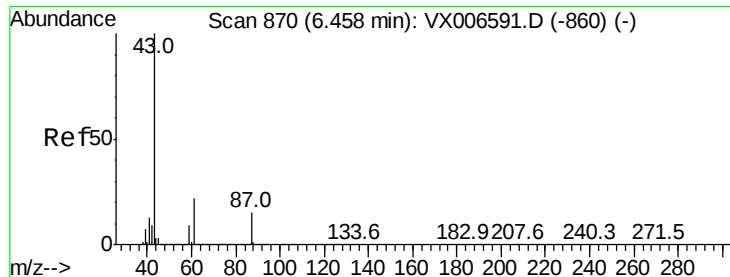
MMDadoda
12/21/2018 10:19:04 AM



#42
1,2-Dichloroethane
Concen: 49.889 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2





#43

Isopropyl Acetate

Concen: 53.390 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

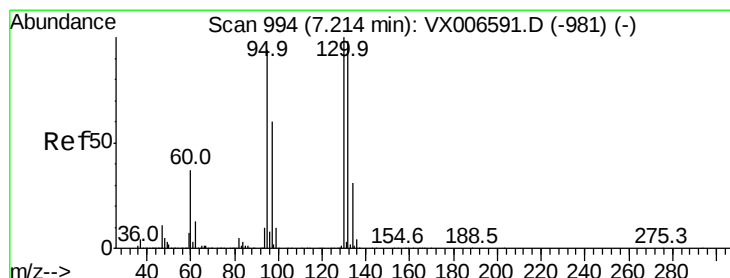
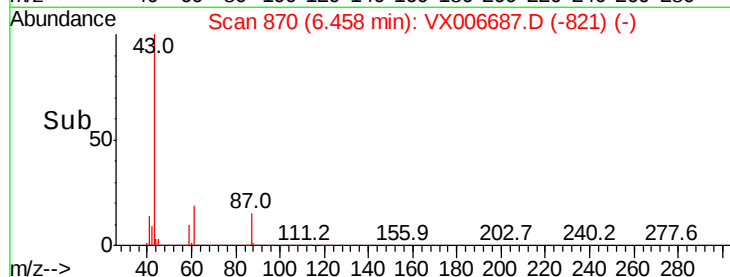
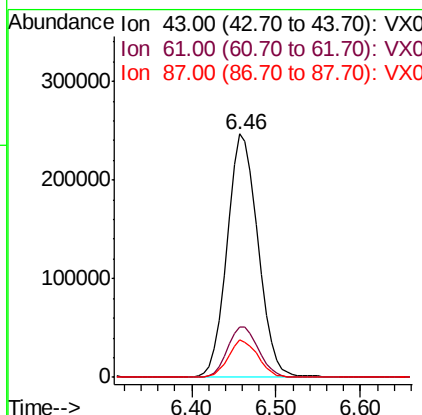
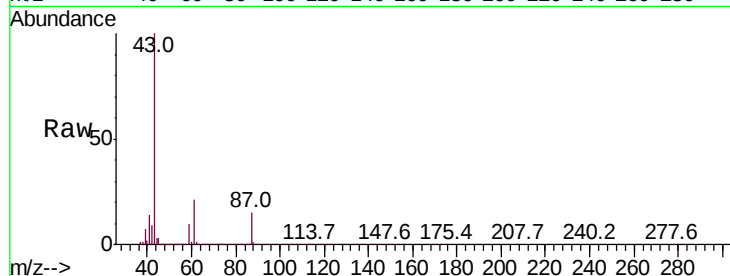
ClientSampleId :

VSTDCCC050EC

Tot Ion:	43	Resp:	611502
Ion Ratio	Lower	Upper	
43	100		
61	21.2	16.8	25.2
87	15.0	12.4	18.6

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#44

Trichloroethene

Concen: 48.484 ug/l

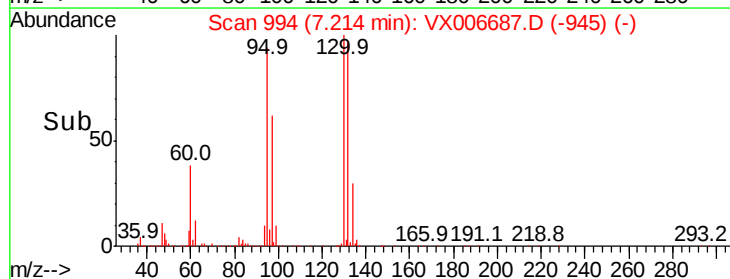
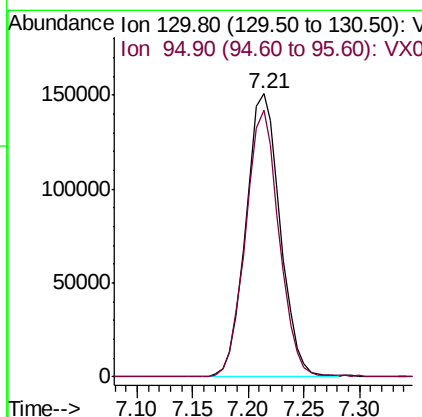
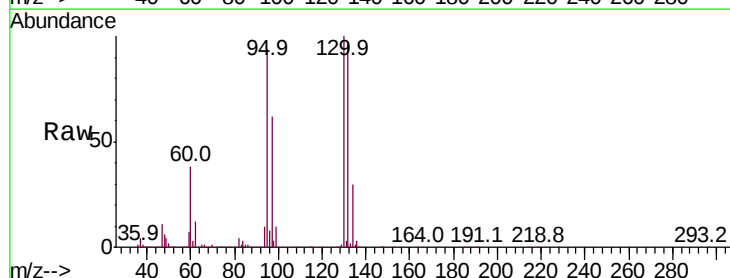
RT: 7.21 min Scan# 994

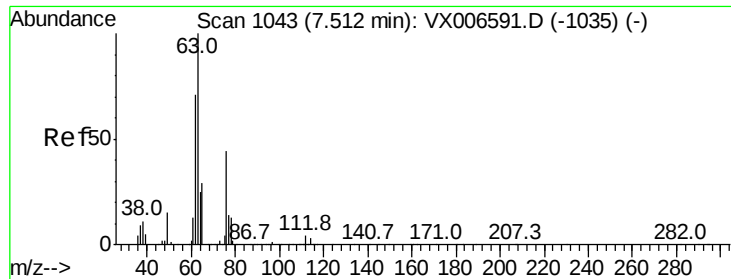
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	130	Resp:	322601
Ion Ratio	Lower	Upper	
130	100		
95	94.3	0.0	187.0





#45

1,2-Dichloropropane

Concen: 51.660 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 63 Resp: 276364

Ion Ratio Lower Upper

63 100

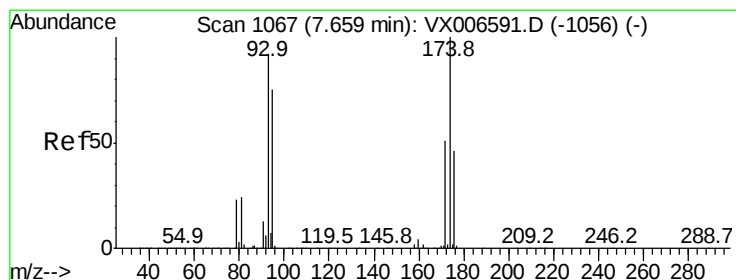
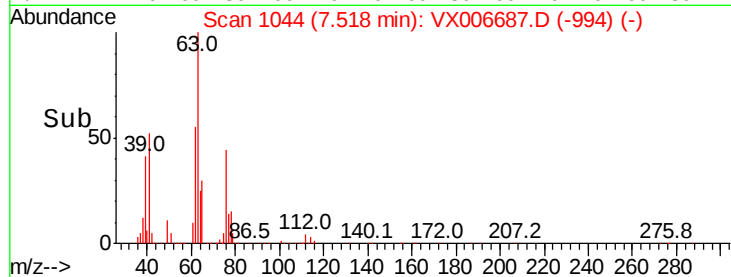
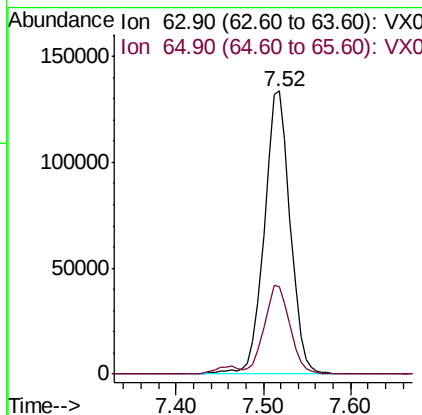
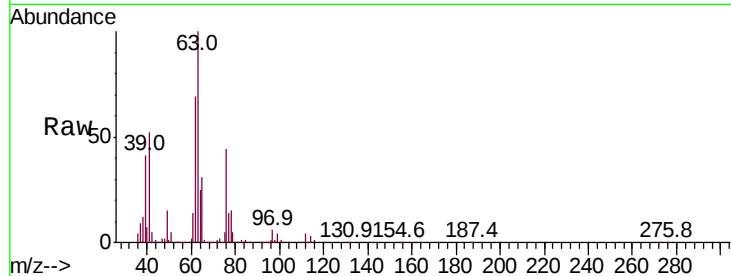
65 31.1 25.4 38.0

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#46

Dibromomethane

Concen: 50.723 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

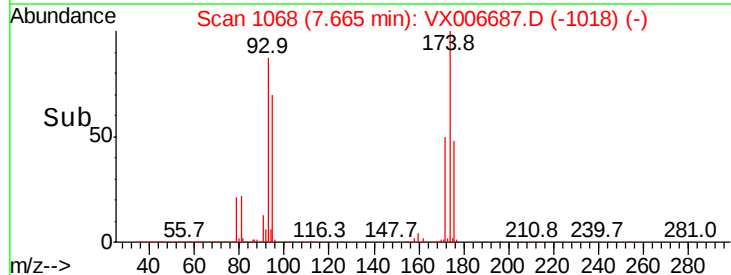
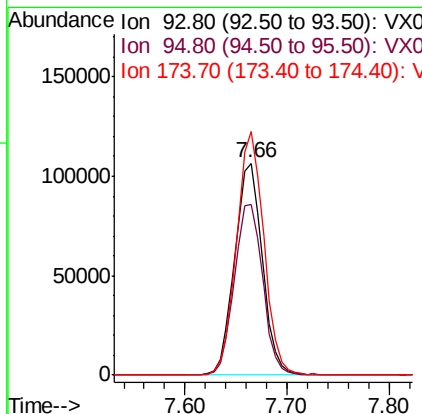
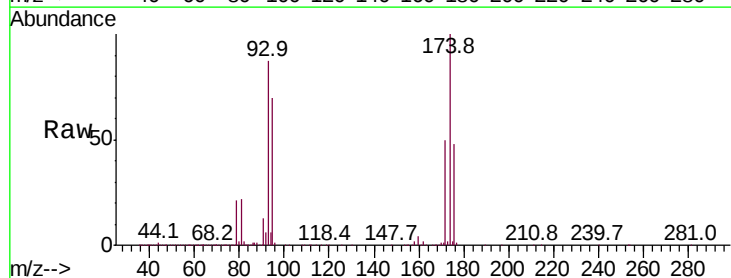
Tgt Ion: 93 Resp: 199595

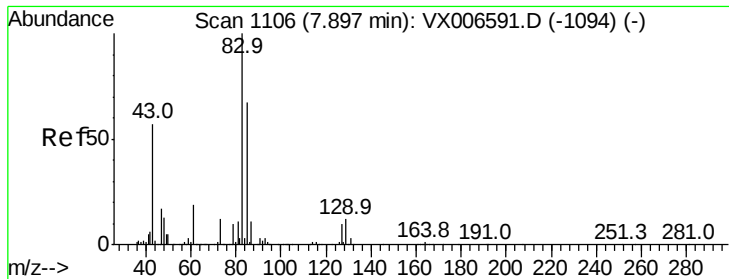
Ion Ratio Lower Upper

93 100

95 82.4 66.2 99.4

174 113.5 91.0 136.4





#47

Bromodichloromethane

Concen: 51.800 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

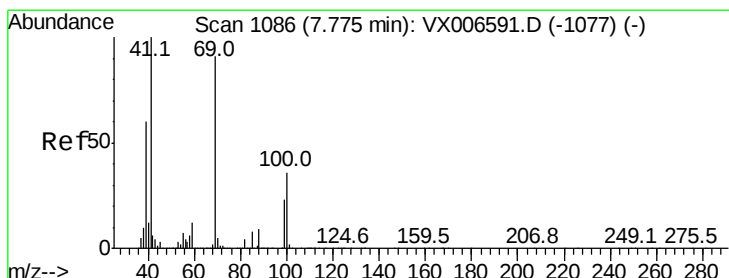
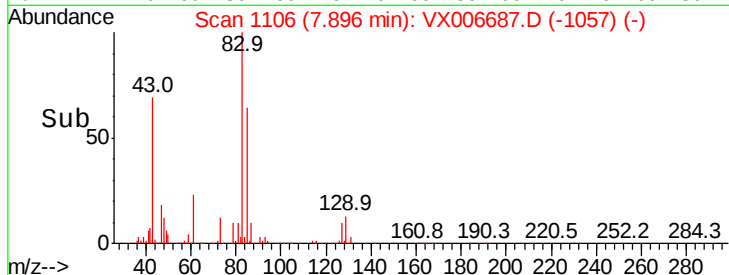
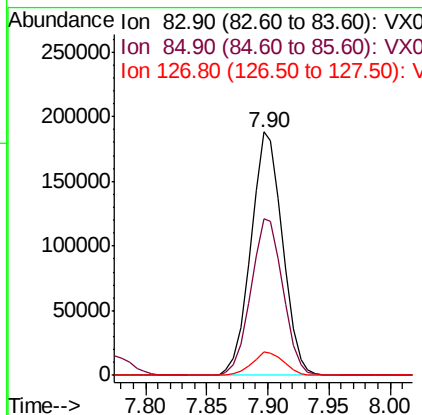
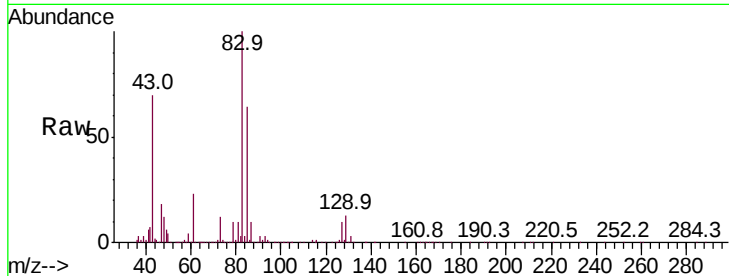
ClientSampleId :

VSTDCCC050EC

Tot Ion	83	Resp	338407
Ion	Ratio	Lower	Upper
83	100		
85	64.2	53.2	79.8
127	9.8	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.682 ug/l

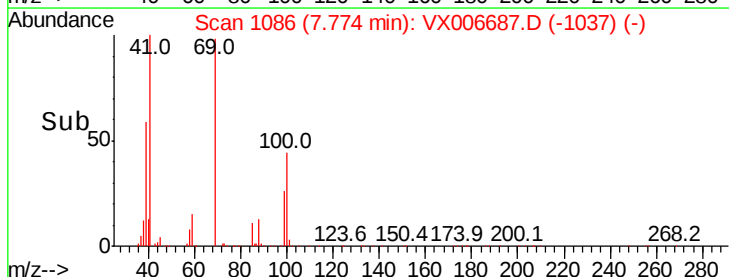
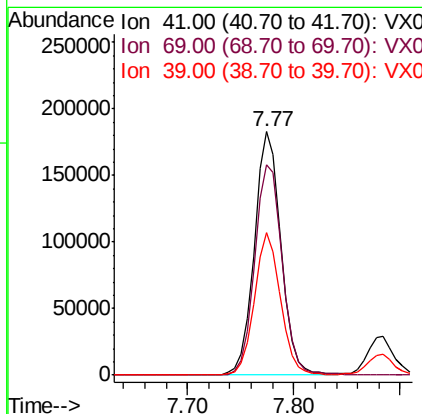
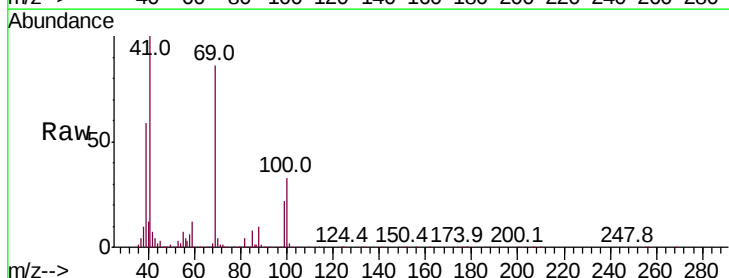
RT: 7.77 min Scan# 1086

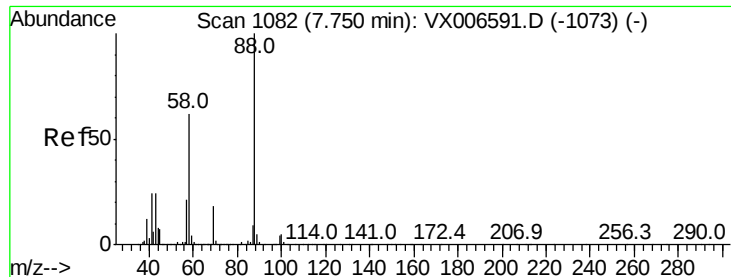
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion	41	Resp	318491
Ion	Ratio	Lower	Upper
41	100		
69	90.5	72.4	108.6
39	57.5	45.8	68.8





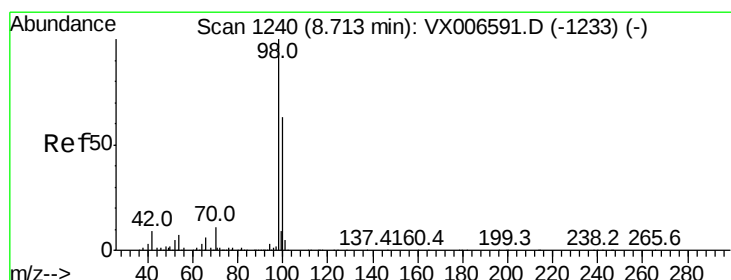
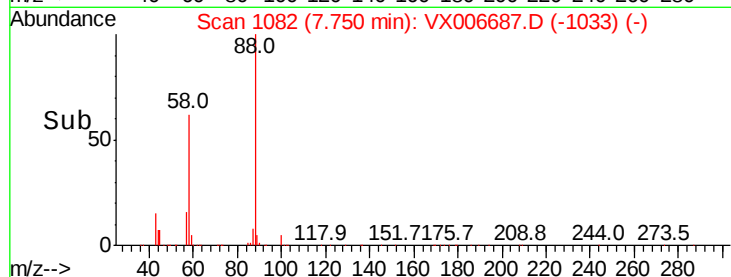
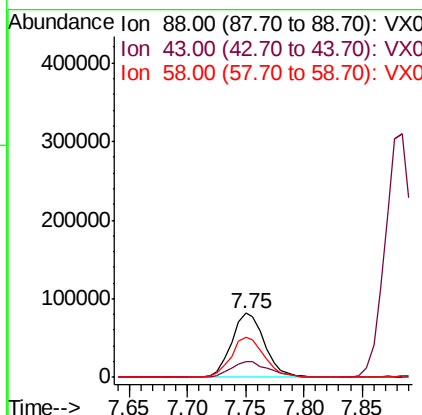
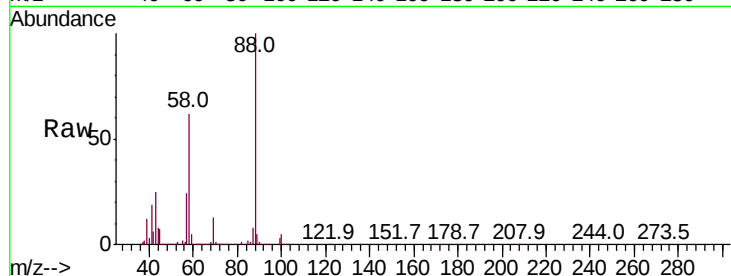
#49
1,4-Dioxane
Concen: 1053.917 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
88	100		
43	27.5	22.2	33.4
58	63.2	51.0	76.4

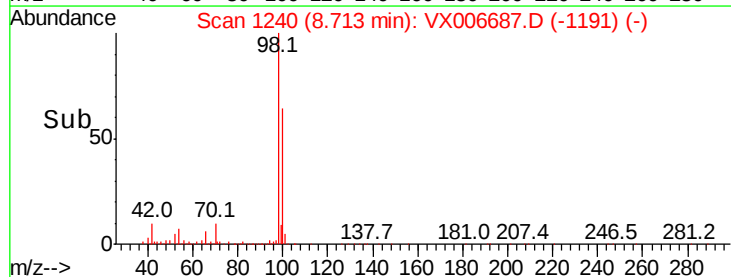
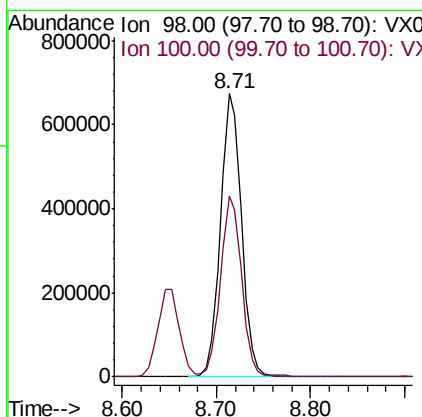
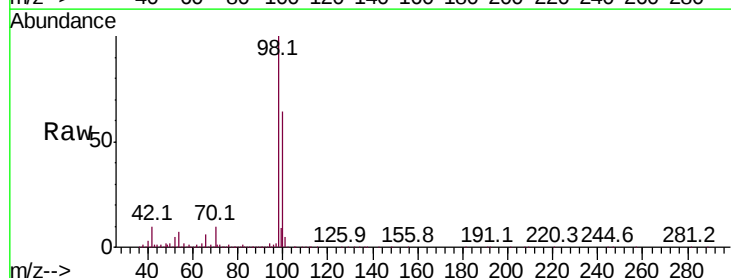
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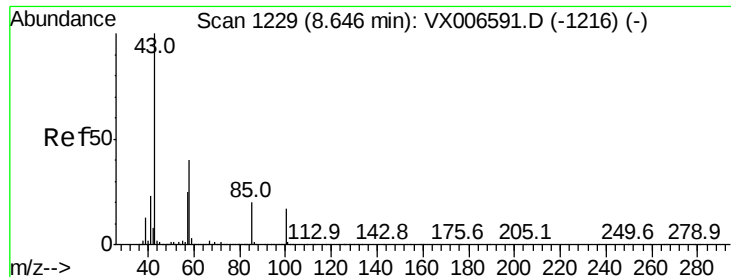
MMDadoda
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#50
Toluene-d8
Concen: 49.908 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.3	52.0	78.0





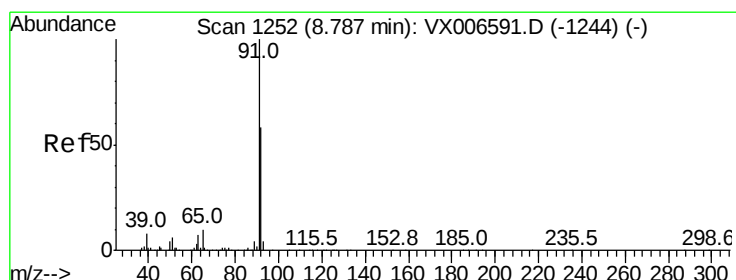
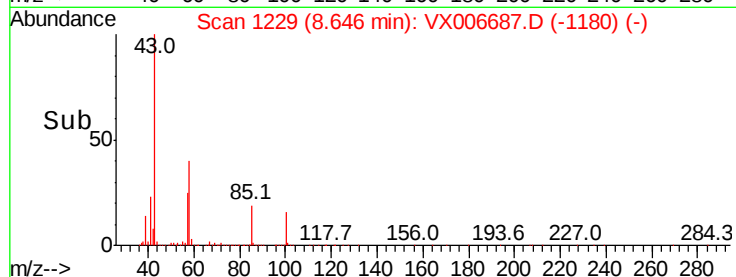
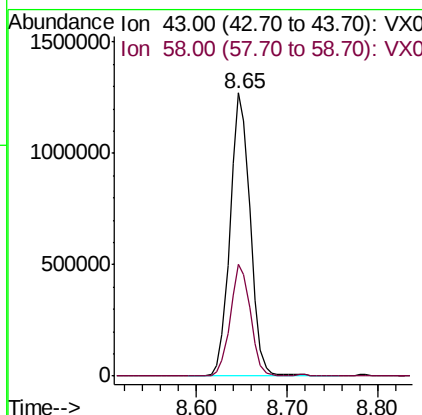
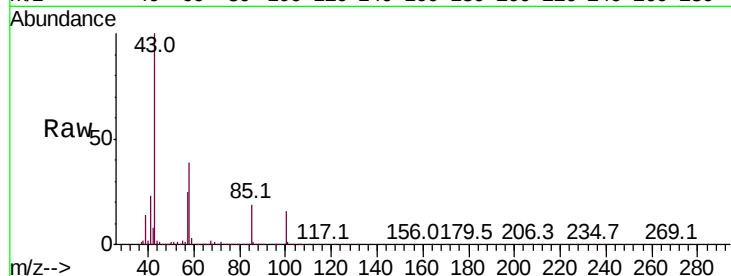
#51
4-Methyl-2-Pentanone
Concen: 272.863 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1988474
Ion Ratio Lower Upper
43 100
58 39.3 31.8 47.6

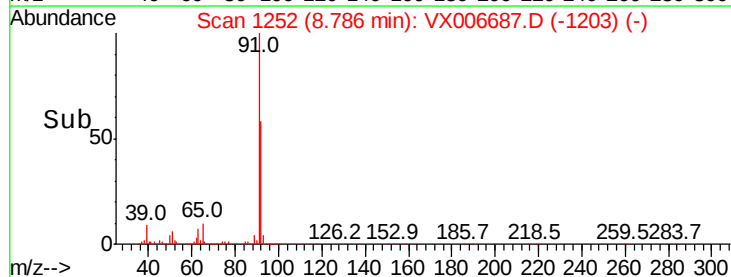
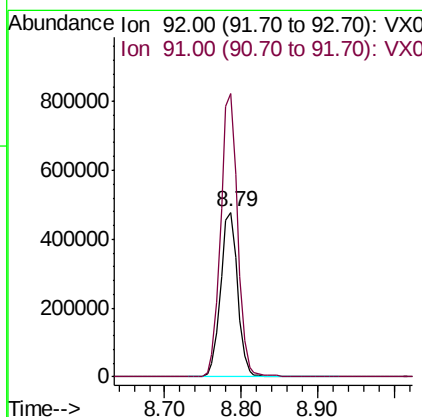
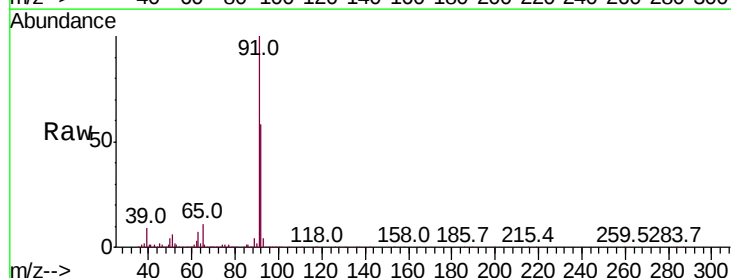
Manual Integrations
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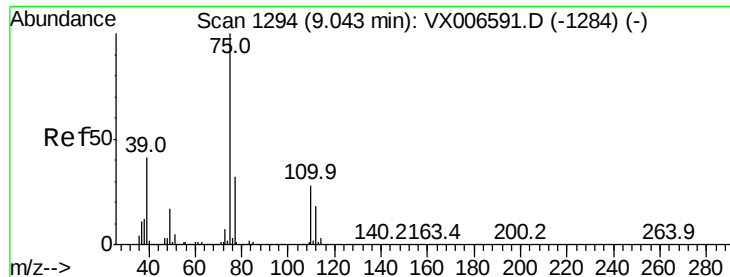
MMDadoda
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#52
Toluene
Concen: 52.012 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion: 92 Resp: 738703
Ion Ratio Lower Upper
92 100
91 171.5 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 52.595 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 368511

Ion Ratio Lower Upper

75 100

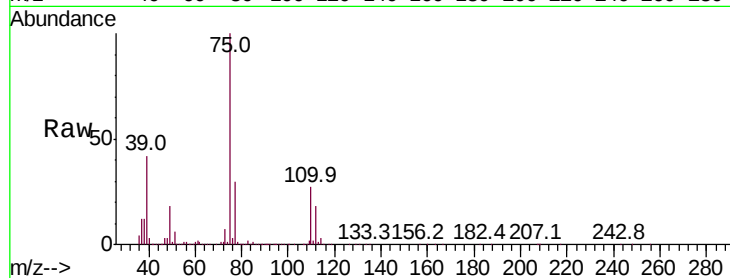
77 30.3 25.4 38.0

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Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

250000

200000

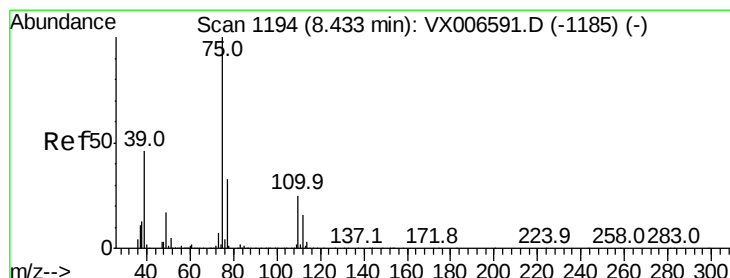
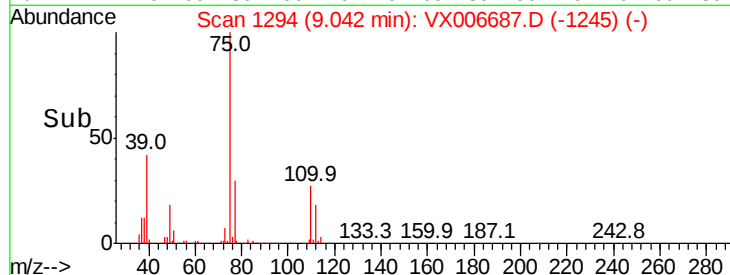
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 54.423 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

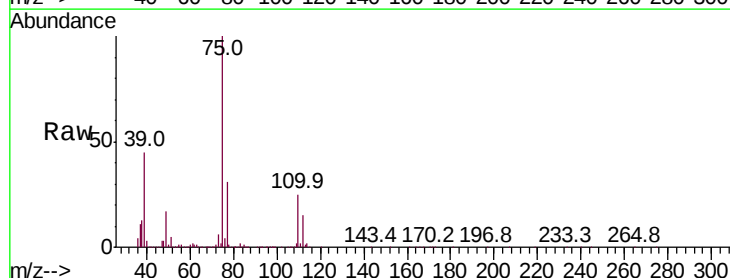
Tgt Ion: 75 Resp: 418403

Ion Ratio Lower Upper

75 100

77 31.0 26.2 39.2

39 44.7 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

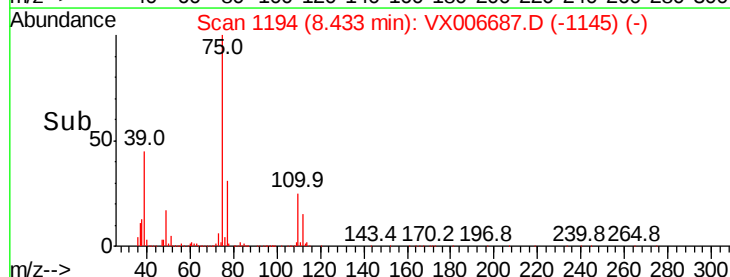
300000

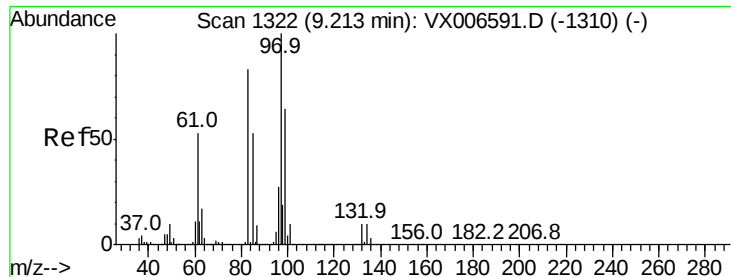
200000

100000

0

Time-->





#55

1,1,2-Trichloroethane

Concen: 52.207 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 97 Resp: 303495

Ion Ratio Lower Upper

97 100

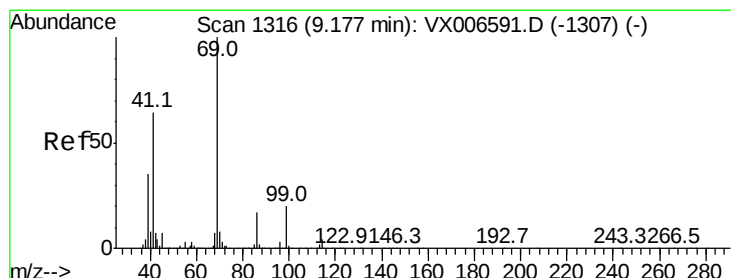
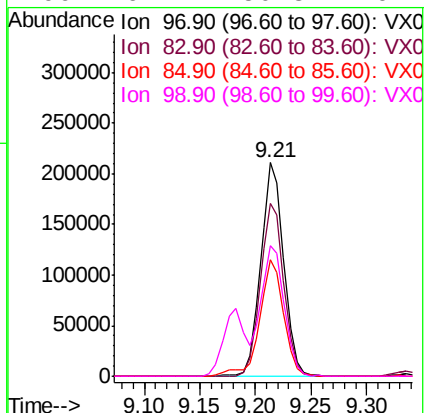
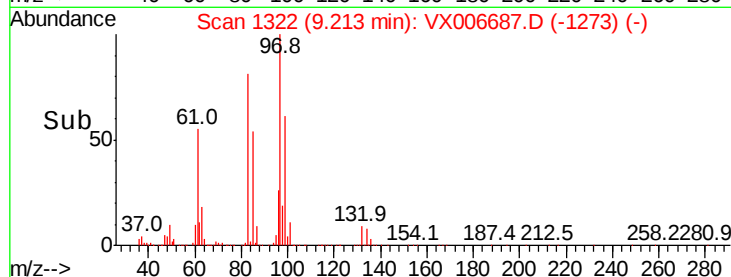
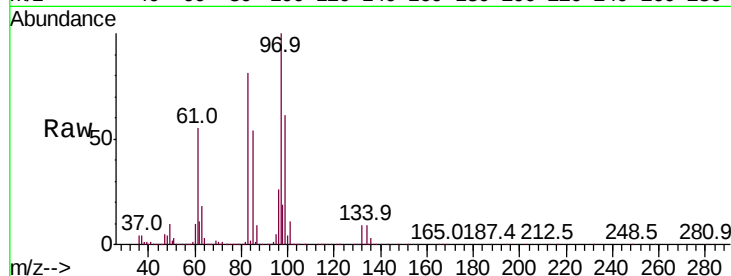
83 81.2 66.6 99.8

85 54.4 42.7 64.1

99 61.2 50.8 76.2

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#56

Ethyl methacrylate

Concen: 54.372 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. 0.01 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

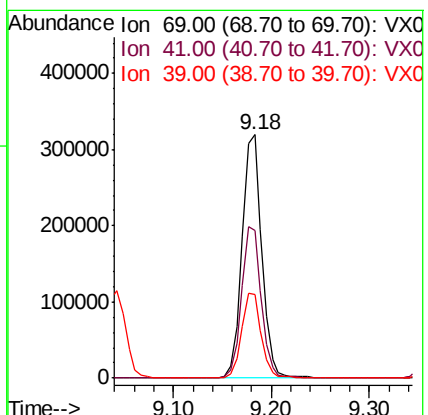
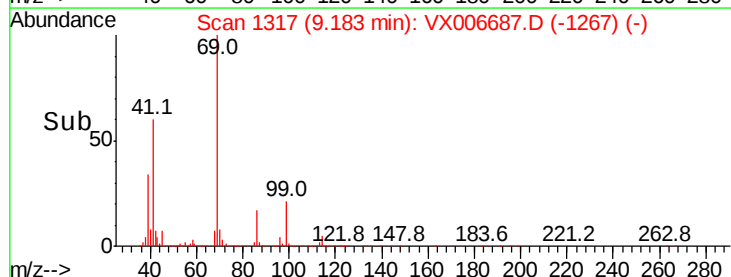
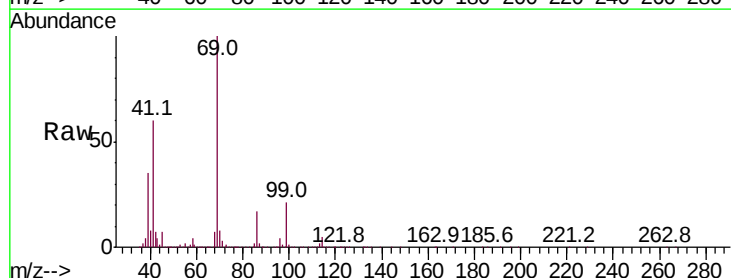
Tgt Ion: 69 Resp: 446742

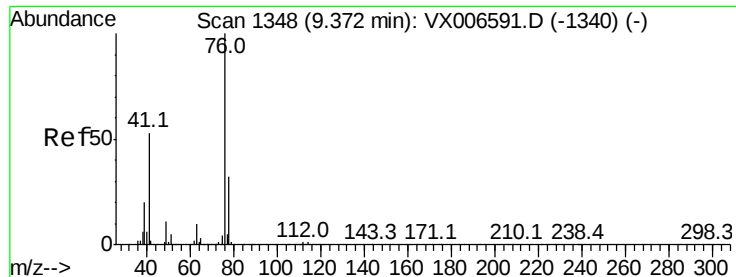
Ion Ratio Lower Upper

69 100

41 62.2 48.7 73.1

39 34.6 27.0 40.6





#57

1,3-Dichloropropane

Concen: 51.312 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 76 Resp: 479915

Ion Ratio Lower Upper

76 100

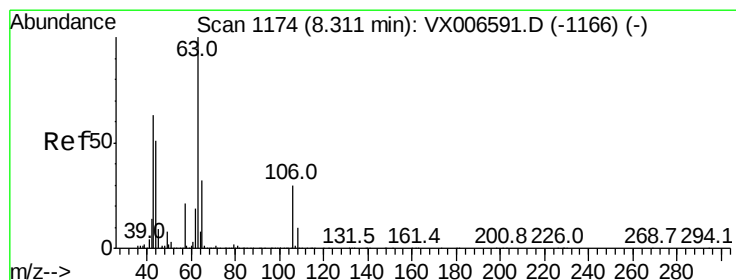
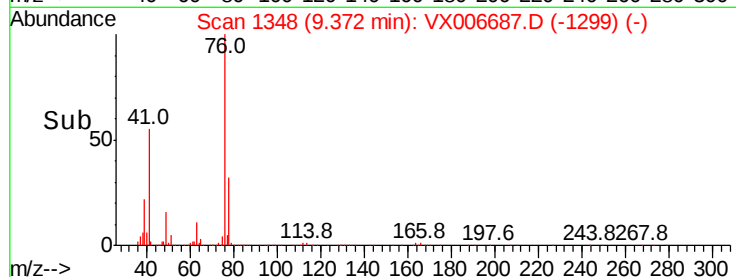
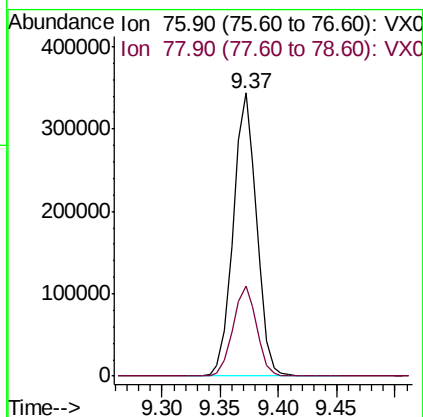
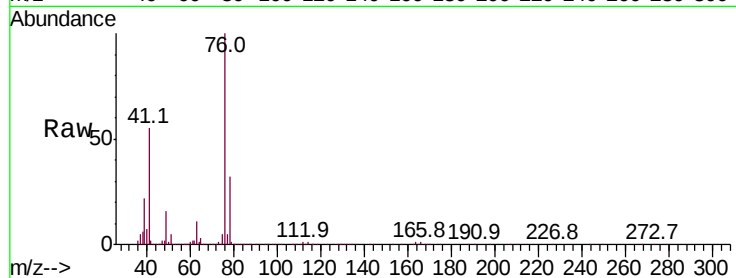
78 32.3 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 263.112 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006687.D

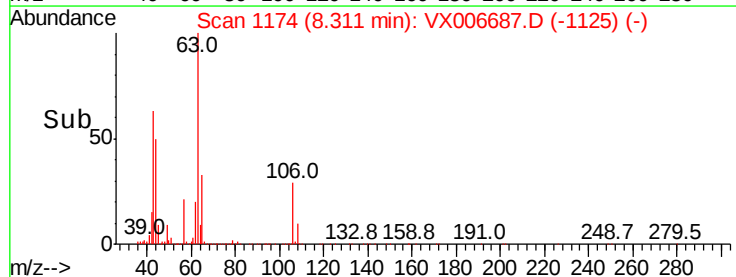
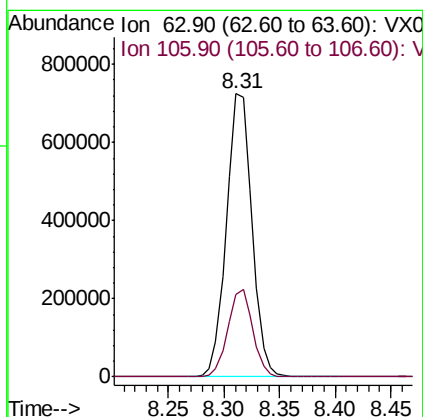
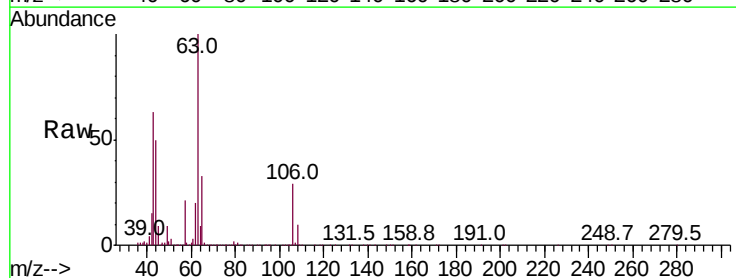
Acq: 20 Dec 2018 20:14

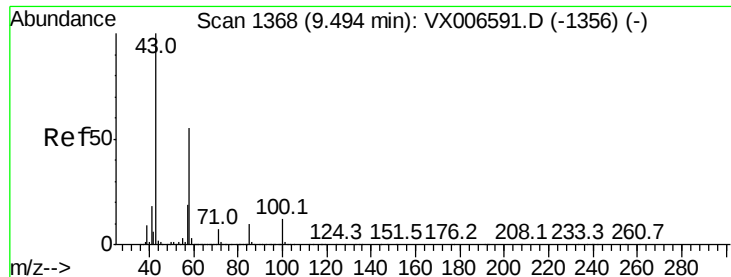
Tgt Ion: 63 Resp: 1149152

Ion Ratio Lower Upper

63 100

106 30.4 24.6 36.8





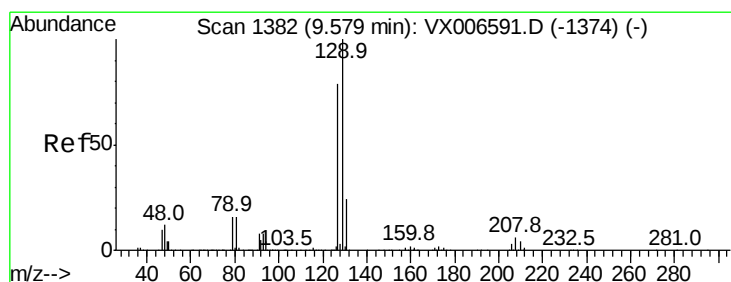
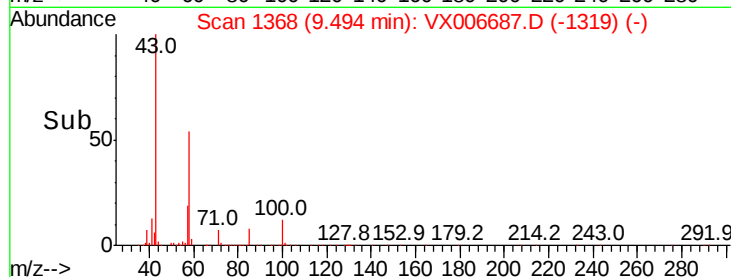
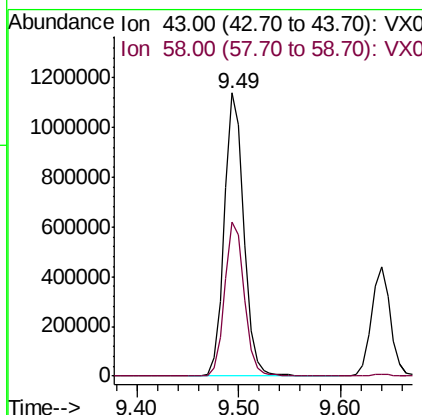
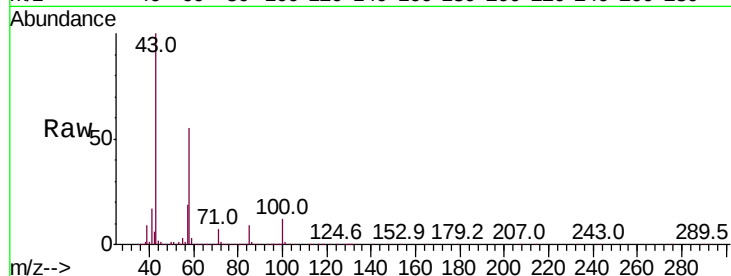
#59
2-Hexanone
Concen: 269.849 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1504610
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

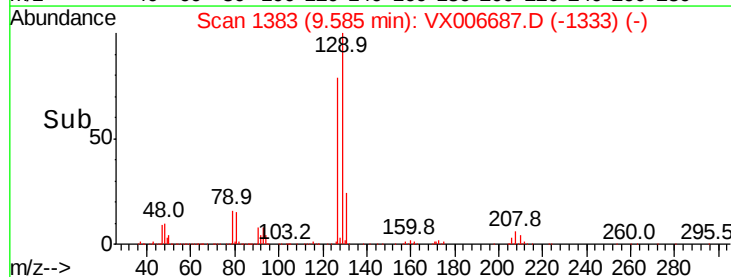
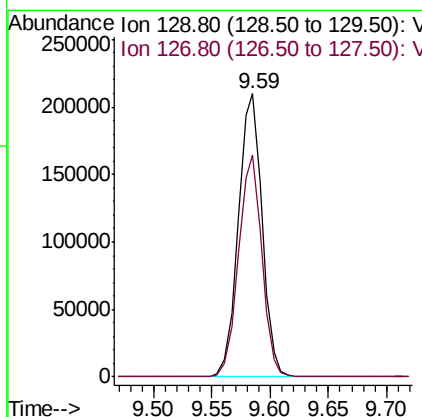
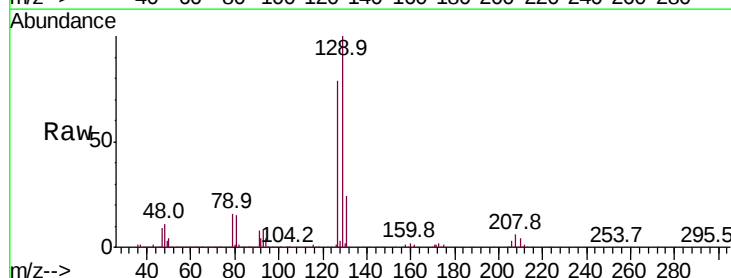
Manual Integrations
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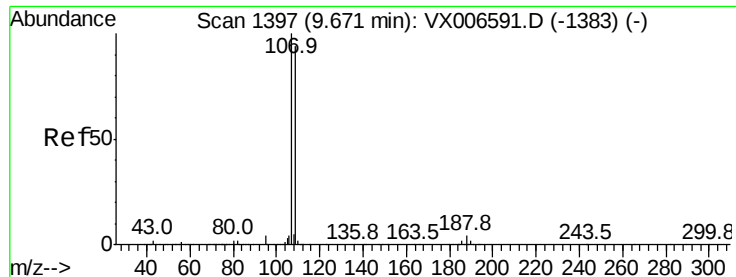
MMDadoda
12/21/2018 10:19:04 AM



#60
Dibromochloromethane
Concen: 49.050 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion: 129 Resp: 297943
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 53.181 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 107 Resp: 328642

Ion Ratio Lower Upper

107 100

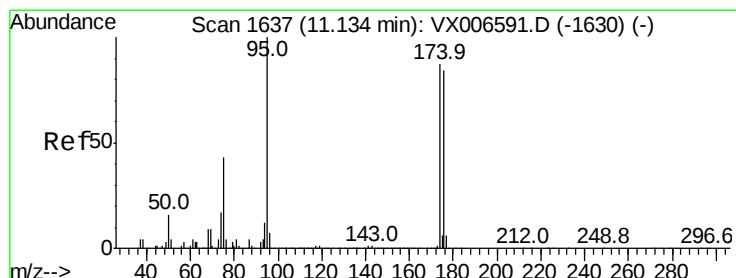
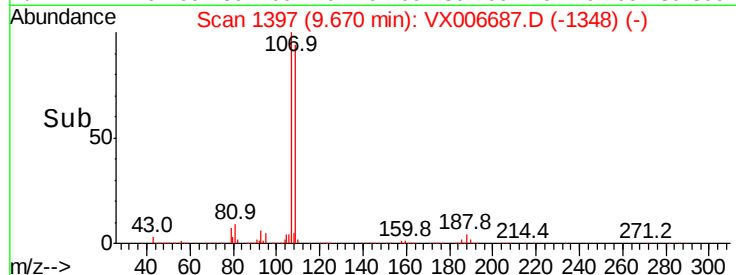
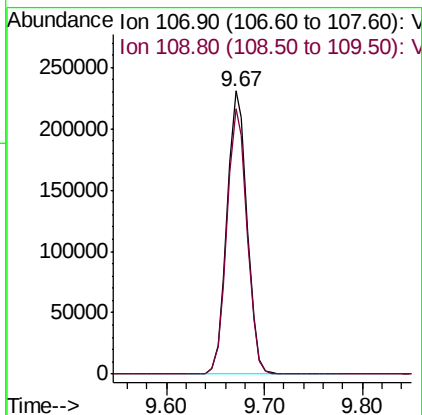
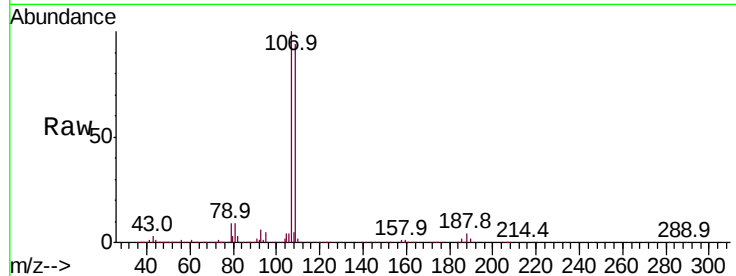
109 93.9 75.8 113.6

Manual Integrations

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MMDadoda

12/21/2018 10:19:04 AM



#62

4-Bromofluorobenzene

Concen: 50.273 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

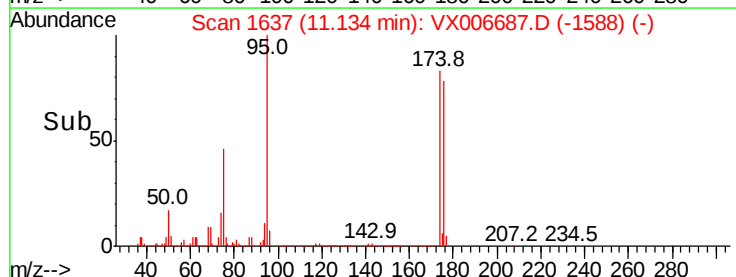
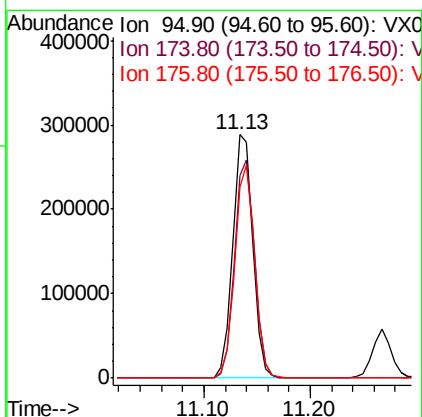
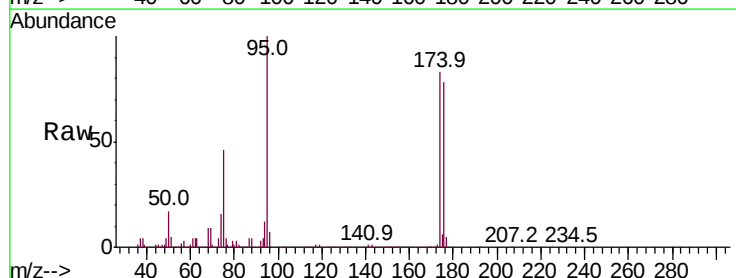
Tgt Ion: 95 Resp: 383310

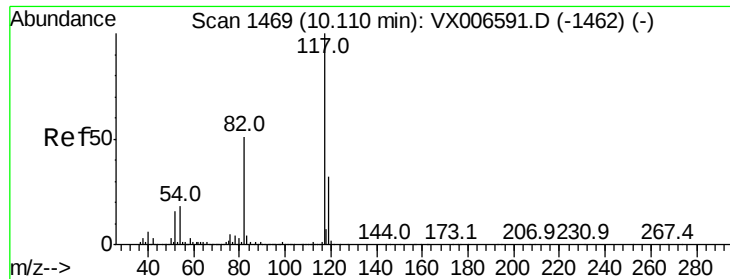
Ion Ratio Lower Upper

95 100

174 89.8 0.0 182.2

176 86.3 0.0 178.8





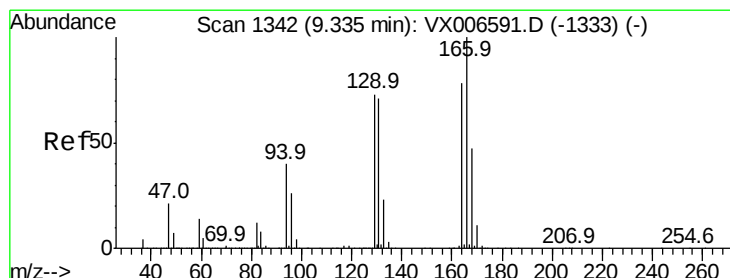
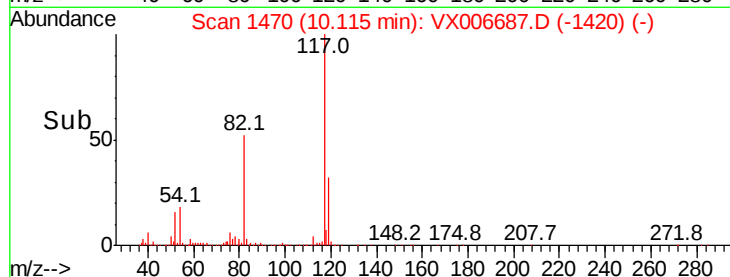
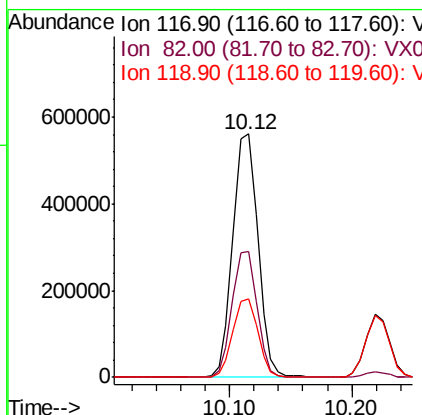
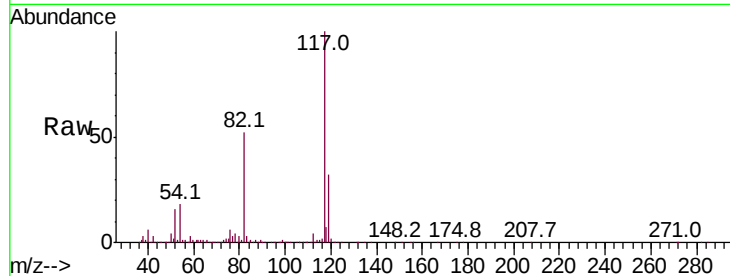
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Resp	Lower	Upper
117	100	801045		
82	51.5	41.0	61.6	
119	32.2	25.4	38.0	

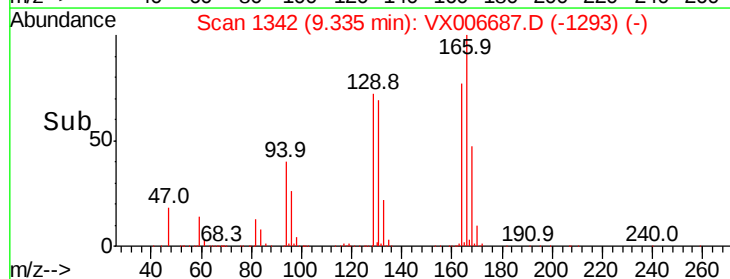
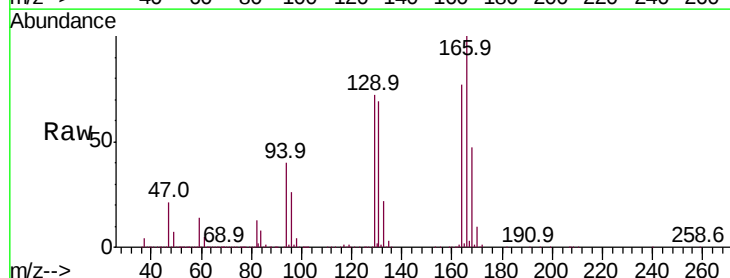
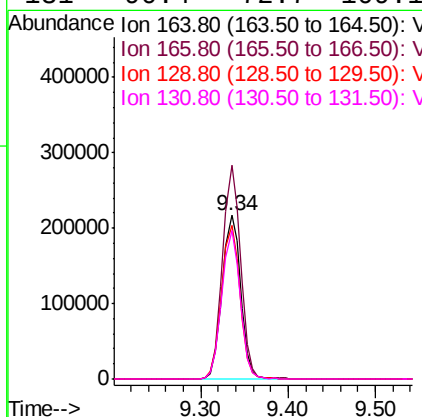
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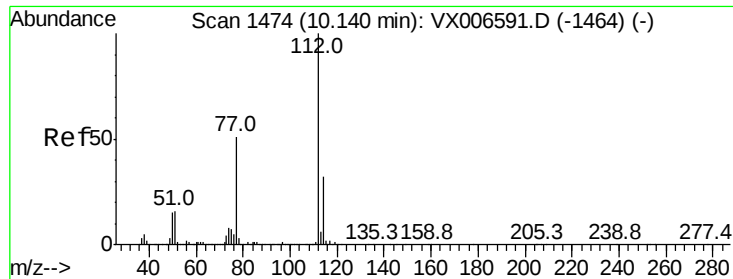
MMDadoda
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#64
Tetrachloroethene
Concen: 49.970 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	316962		
166	130.5	102.5	153.7	
129	94.0	75.1	112.7	
131	90.4	72.7	109.1	





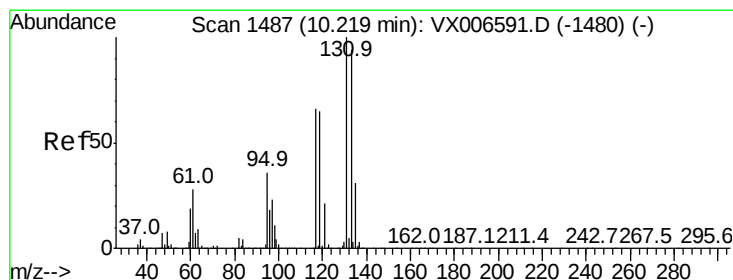
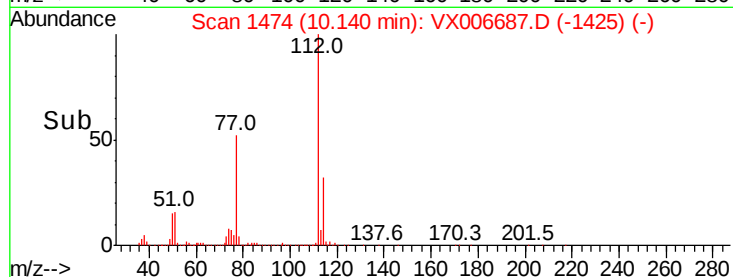
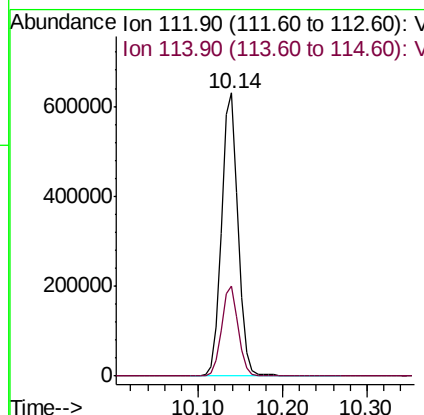
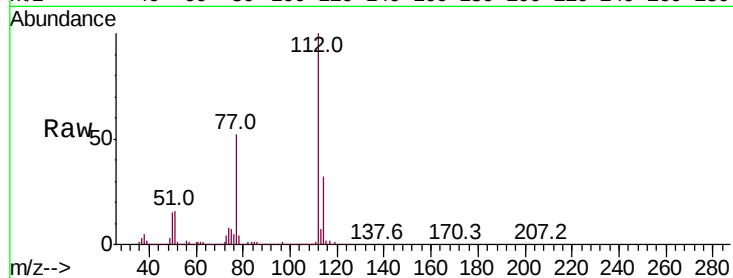
#65
Chlorobenzene
Concen: 50.344 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:112 Resp: 853166
Ion Ratio Lower Upper
112 100
114 32.0 25.7 38.5

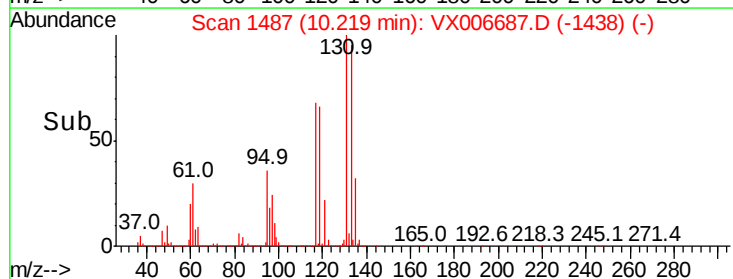
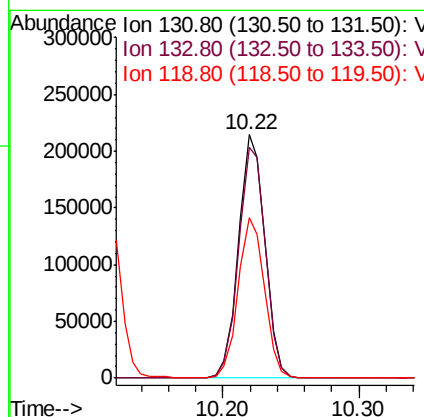
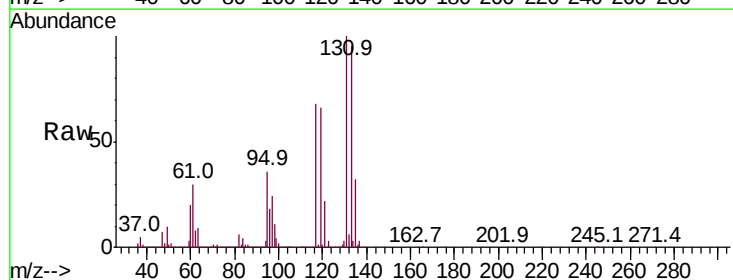
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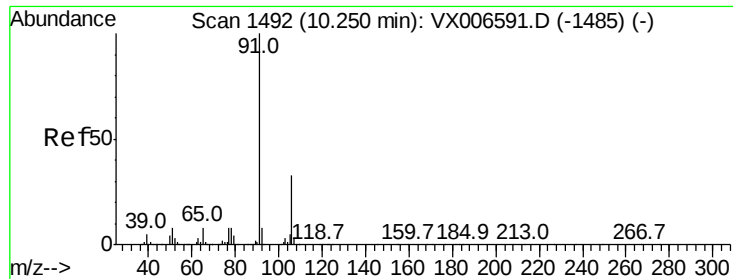
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#66
1,1,1,2-Tetrachloroethane
Concen: 54.654 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion:131 Resp: 288974
Ion Ratio Lower Upper
131 100
133 96.7 48.0 144.2
119 66.1 32.6 97.8





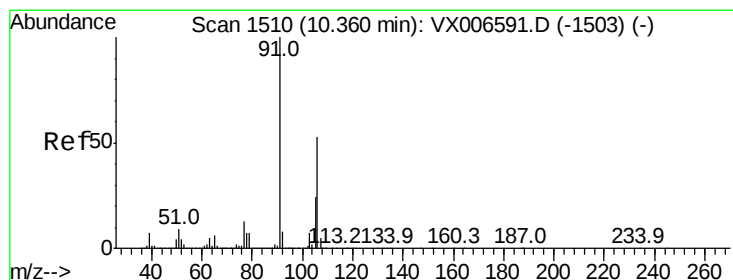
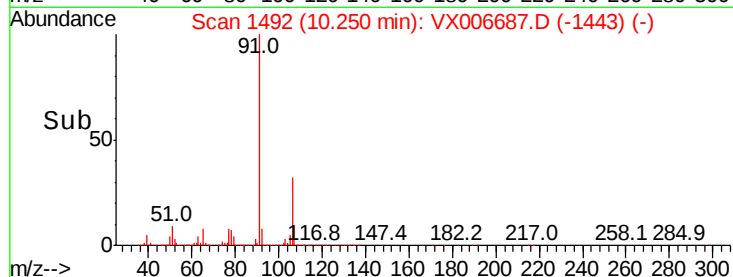
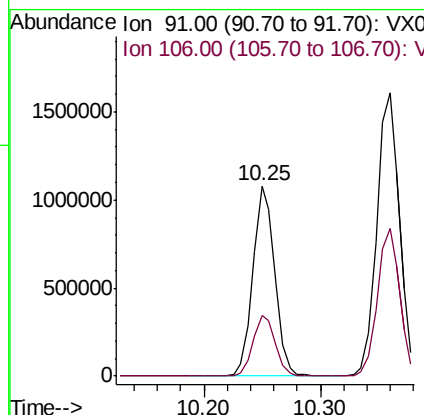
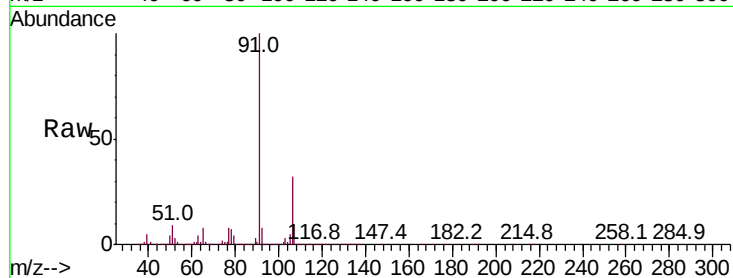
#67
Ethyl Benzene
Concen: 51.038 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1413368
Ion Ratio Lower Upper
91 100
106 32.1 26.4 39.6

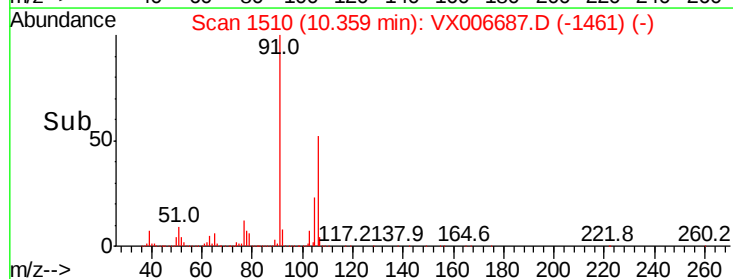
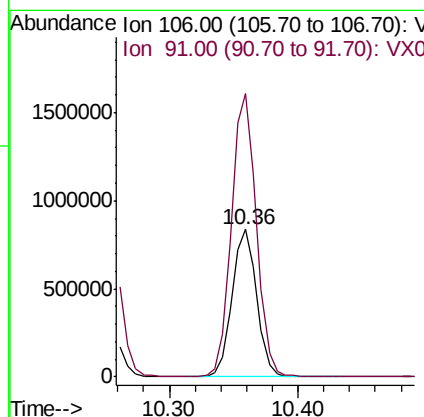
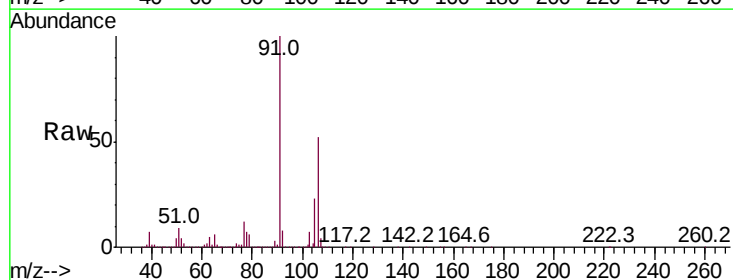
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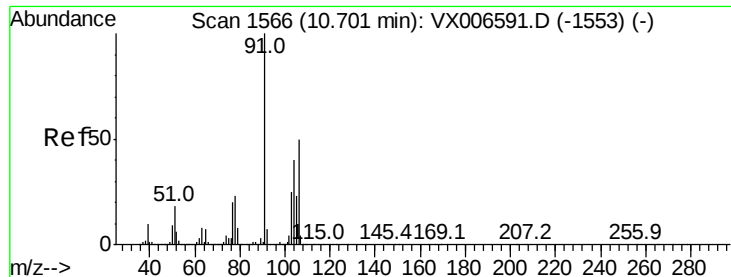
MMDadoda
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#68
m/p-Xylenes
Concen: 102.361 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion: 106 Resp: 1118523
Ion Ratio Lower Upper
106 100
91 195.0 155.8 233.6





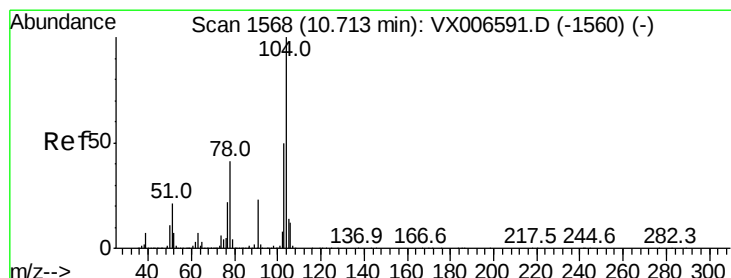
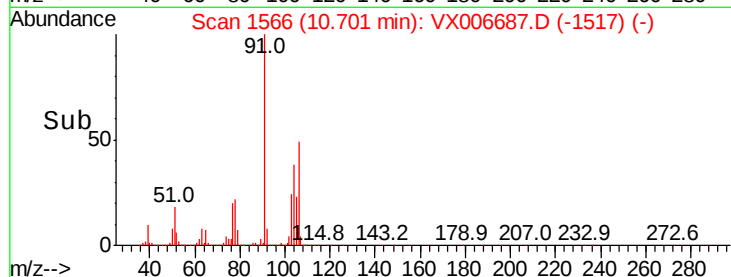
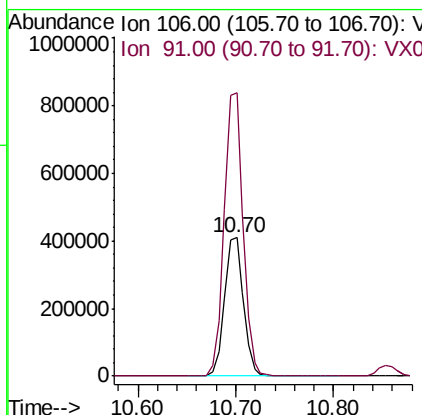
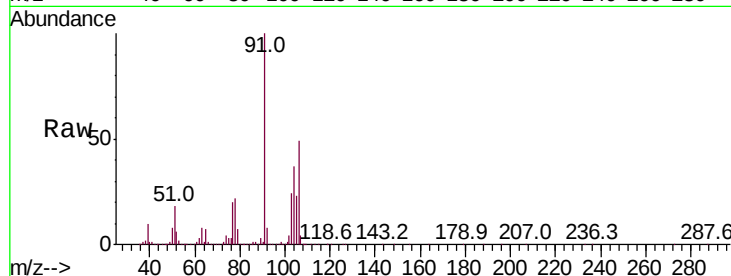
#69
o-Xylene
Concen: 50.873 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.8	101.3	303.7

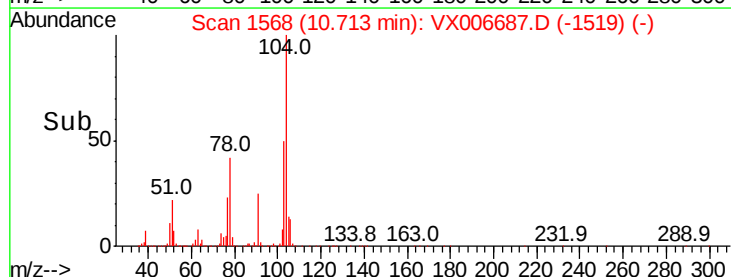
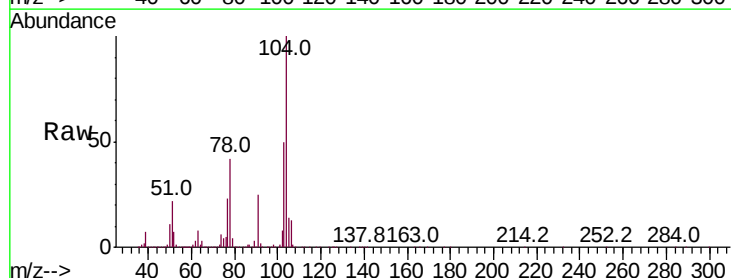
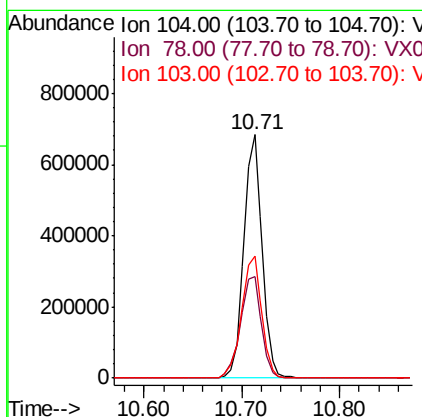
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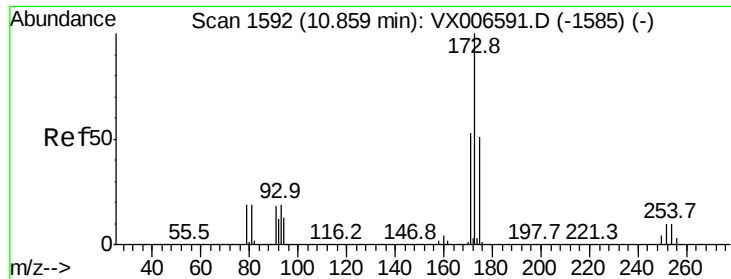
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#70
Styrene
Concen: 51.878 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.9	37.7	56.5
103	55.3	43.8	65.8





#71

Bromoform

Concen: 46.101 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:173 Resp: 218047

Ion Ratio Lower Upper

173 100

175 48.0 24.7 74.1

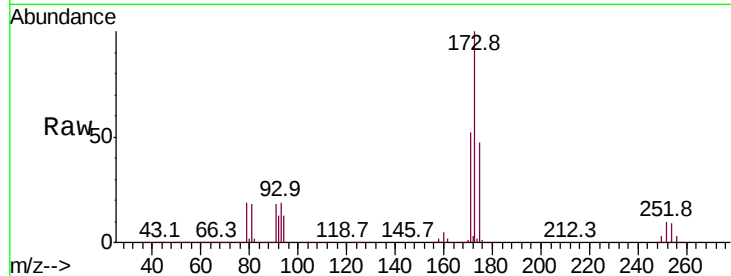
254 0.1 0.2 0.2#

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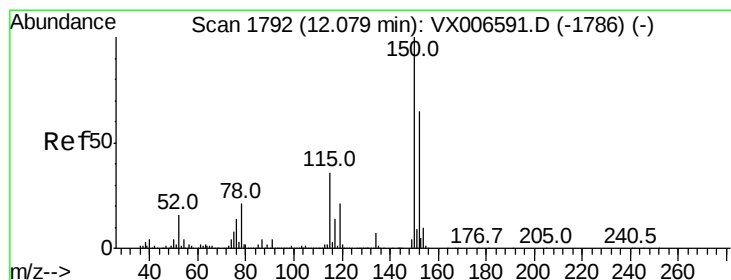
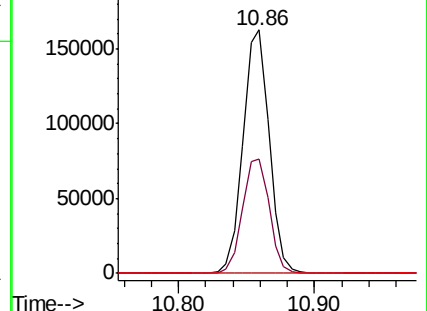
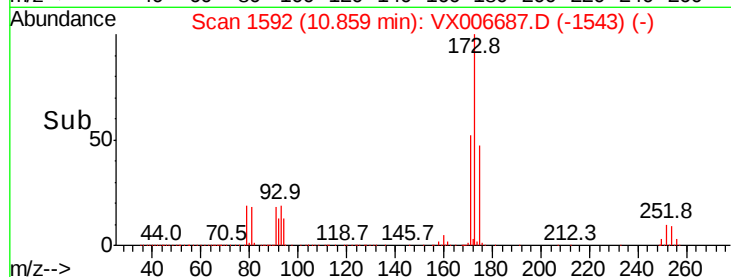
12/21/2018 10:19:04 AM



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

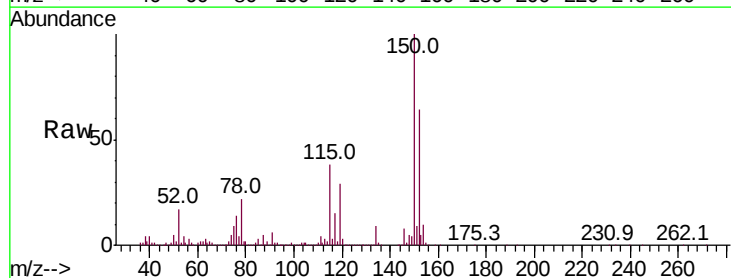
Tgt Ion:152 Resp: 412497

Ion Ratio Lower Upper

152 100

115 78.8 39.1 117.2

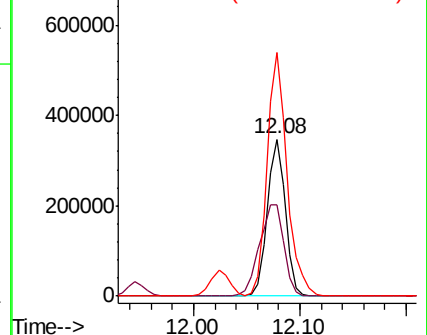
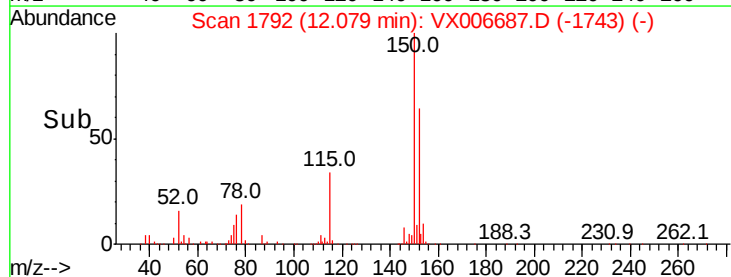
150 171.6 0.0 344.8

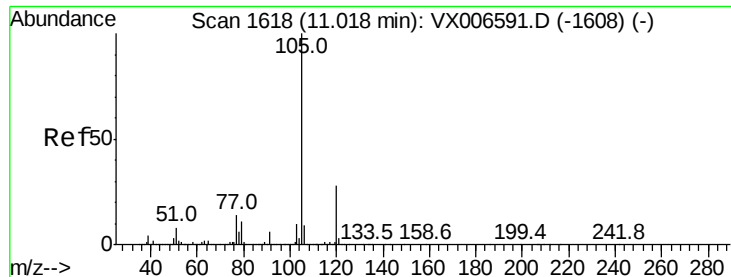


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.746 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1460272

Ion Ratio Lower Upper

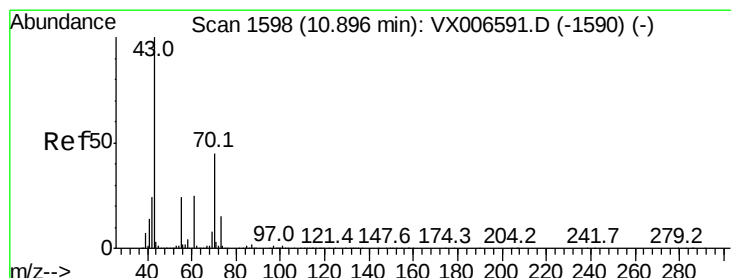
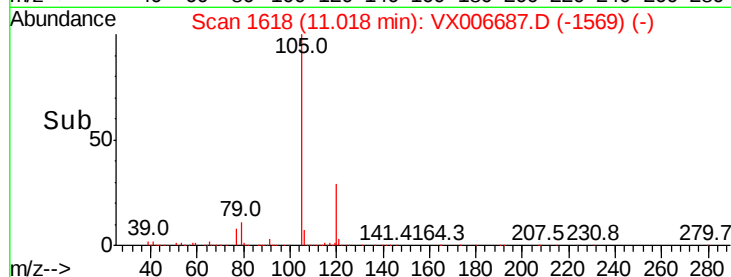
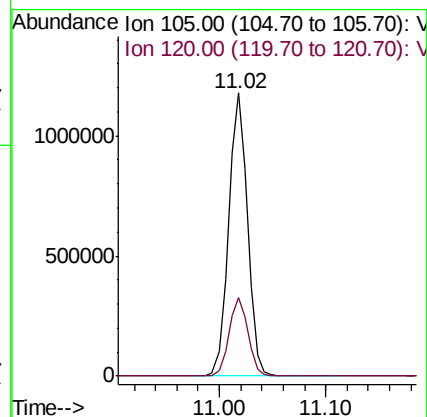
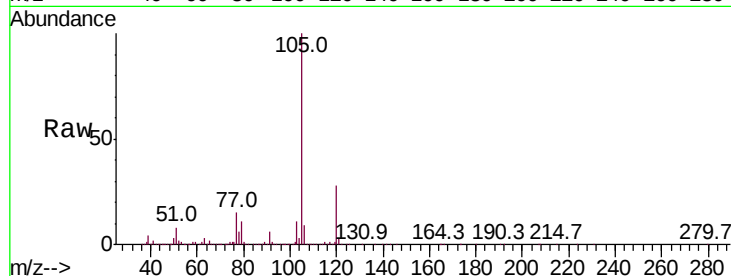
105 100

120 28.0 14.1 42.4

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#74

N-ethyl acetate

Concen: 54.376 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion: 43 Resp: 549253

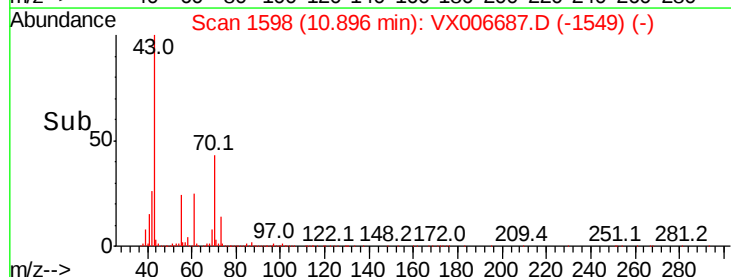
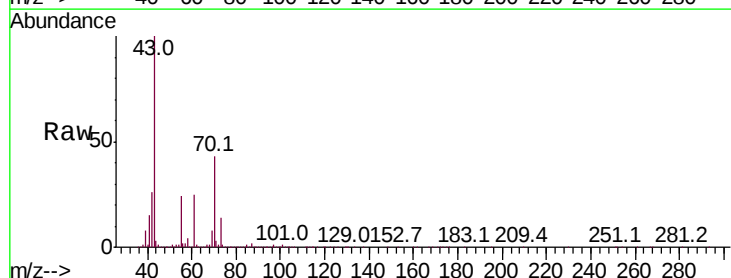
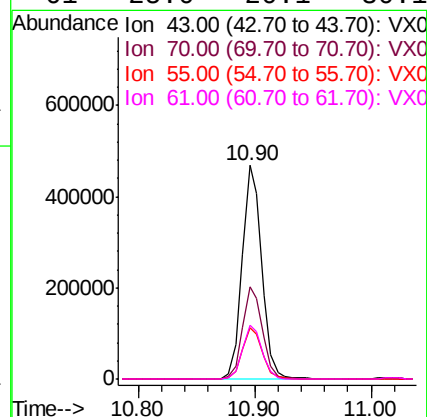
Ion Ratio Lower Upper

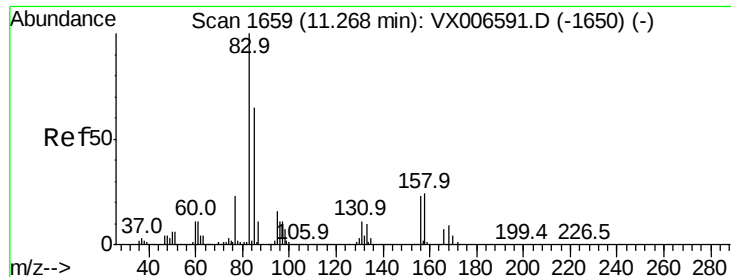
43 100

70 43.8 35.8 53.8

55 24.6 19.4 29.0

61 25.0 20.1 30.1





#75

1,1,2,2-Tetrachloroethane

Concen: 53.220 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 83 Resp: 446655

Ion Ratio Lower Upper

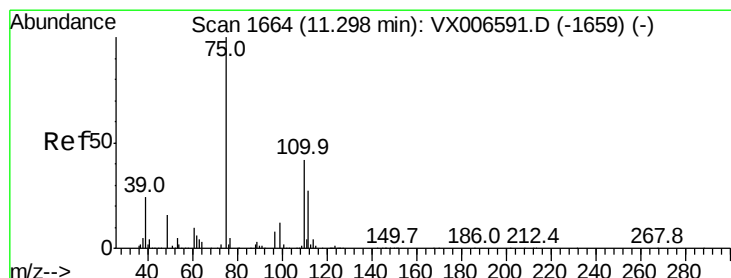
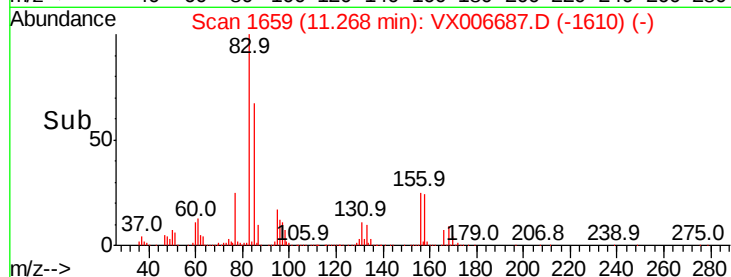
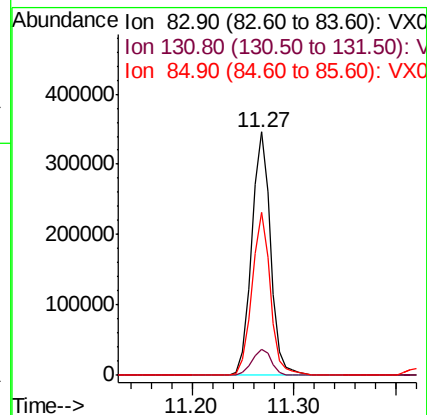
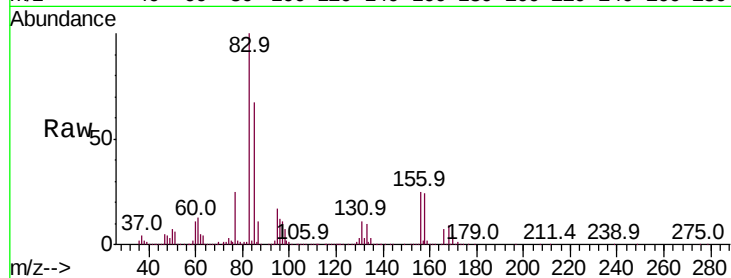
83 100

131 11.2 5.7 17.1

85 65.2 32.2 96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 54.314 ug/l m

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006687.D

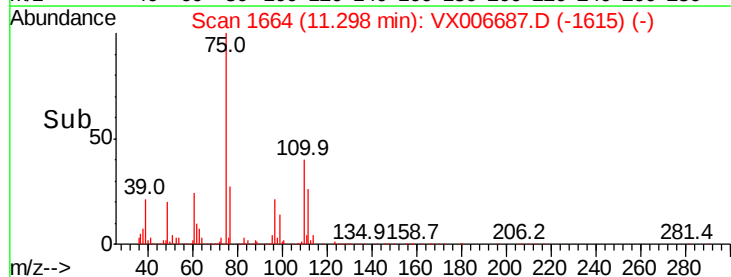
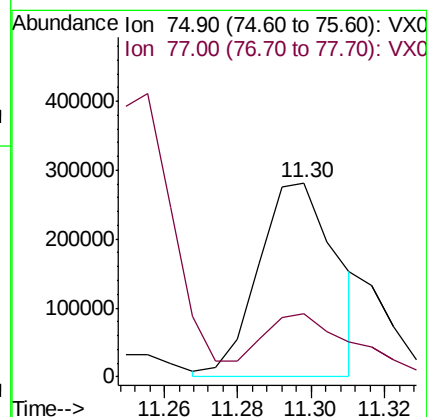
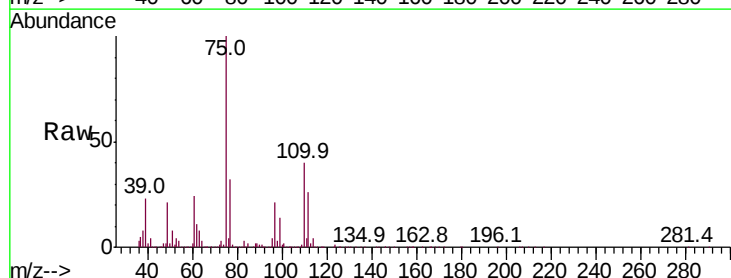
Acq: 20 Dec 2018 20:14

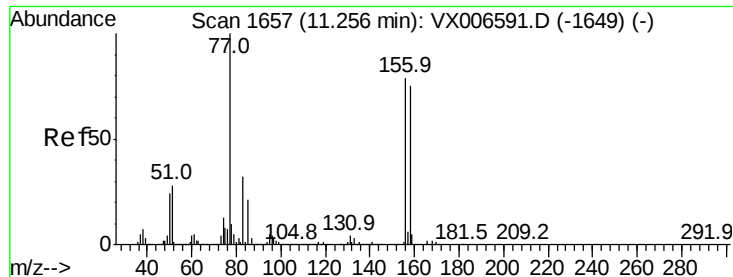
Tgt Ion: 75 Resp: 416365

Ion Ratio Lower Upper

75 100

77 37.2 18.5 55.5





#77

Bromobenzene

Concen: 51.482 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:156 Resp: 392773

Ion Ratio Lower Upper

156 100

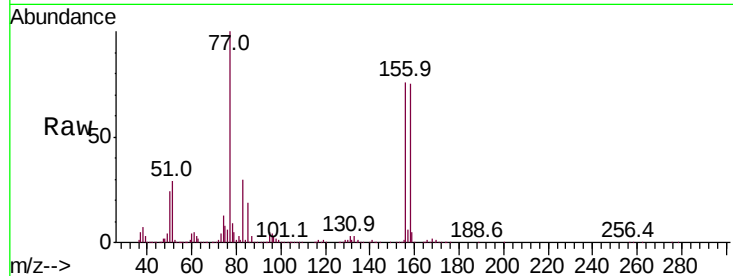
77 138.2 68.0 204.0

158 96.3 48.3 144.8

Manual Integrations
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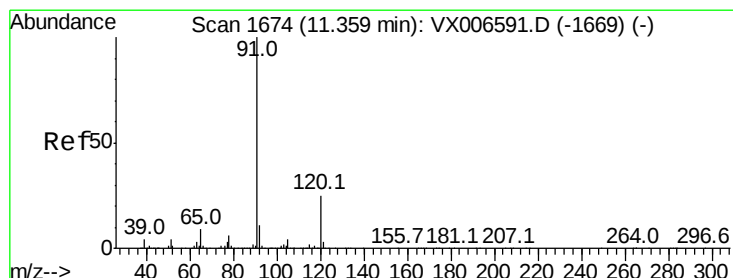
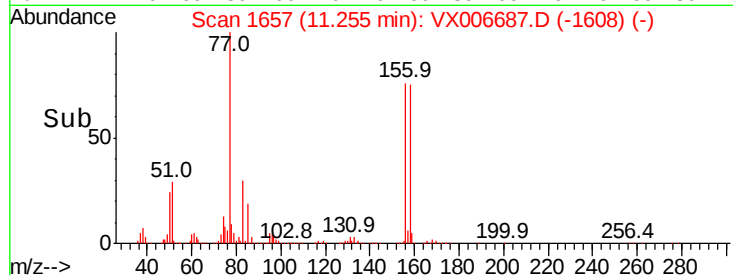
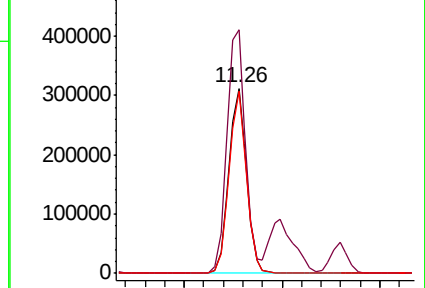
12/21/2018 10:19:04 AM



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: 52.173 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006687.D

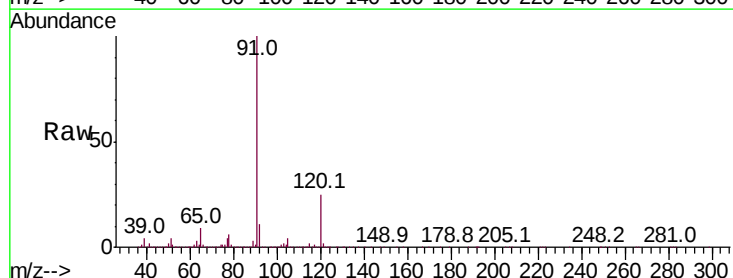
Acq: 20 Dec 2018 20:14

Tgt Ion: 91 Resp: 1621310

Ion Ratio Lower Upper

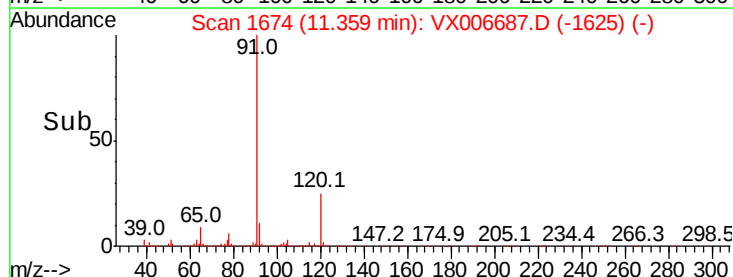
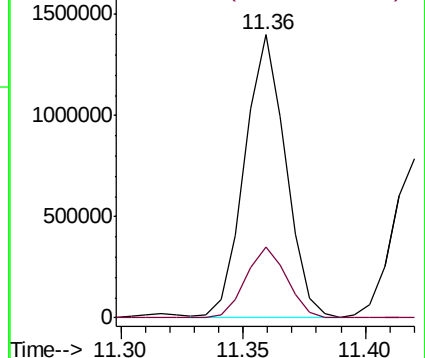
91 100

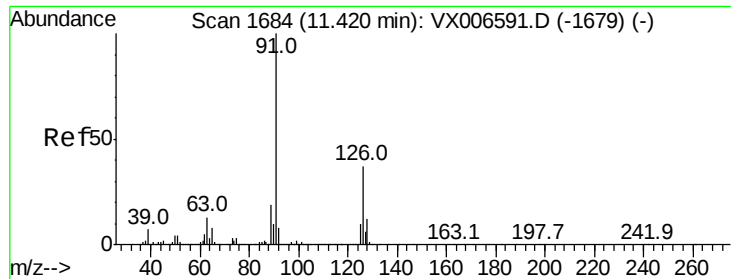
120 25.4 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.097 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 91 Resp: 962262

Ion Ratio Lower Upper

91 100

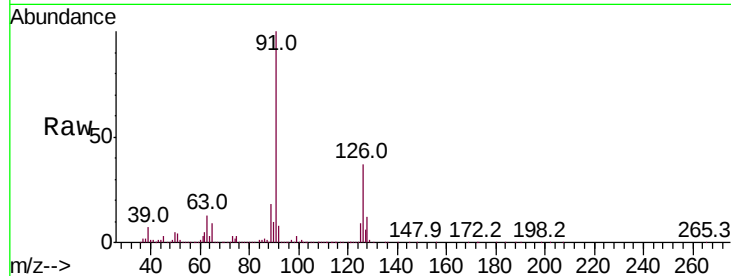
126 37.0 18.6 56.0

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Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

1500000

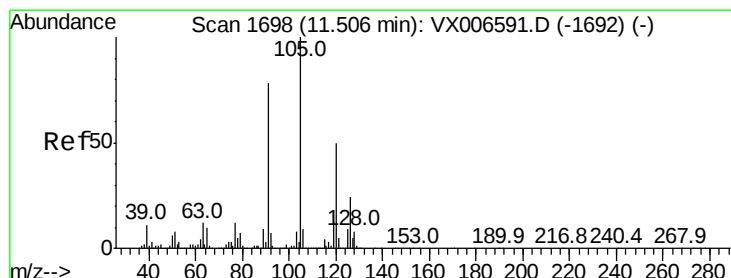
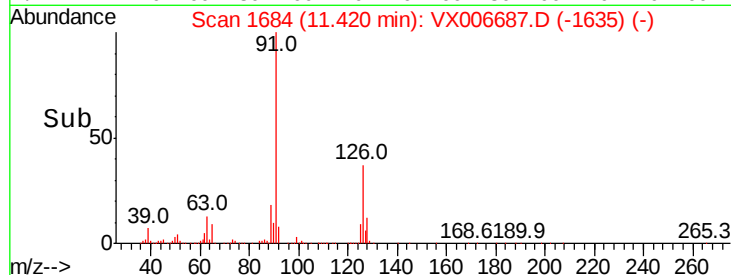
1000000

500000

0

11.40 11.42 11.45

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.752 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006687.D

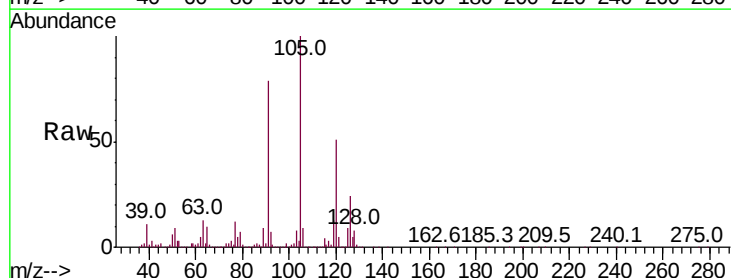
Acq: 20 Dec 2018 20:14

Tgt Ion:105 Resp: 1202907

Ion Ratio Lower Upper

105 100

120 50.7 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

1200000

1000000

800000

600000

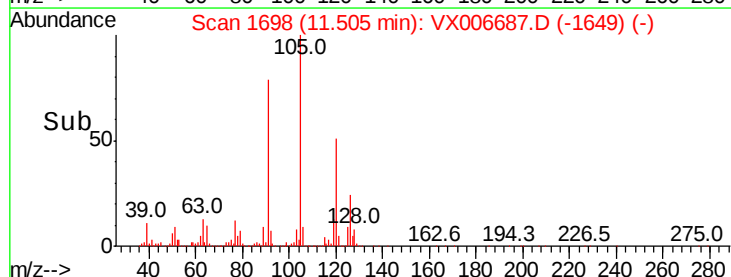
400000

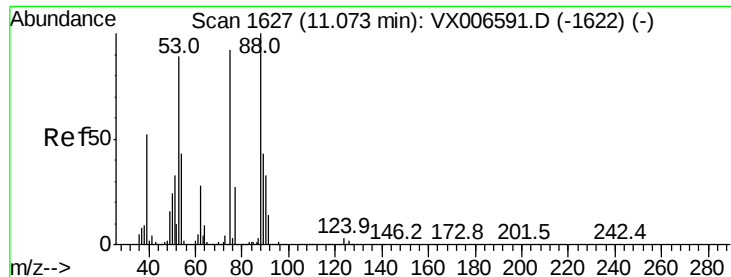
200000

0

11.50 11.51 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 45.491 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 75 Resp: 113540

Ion Ratio Lower Upper

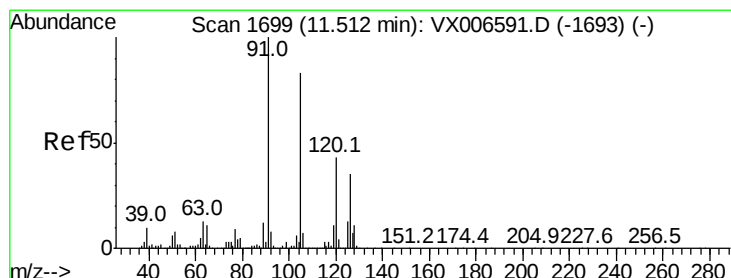
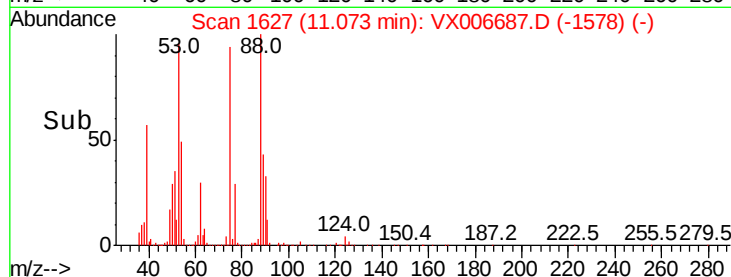
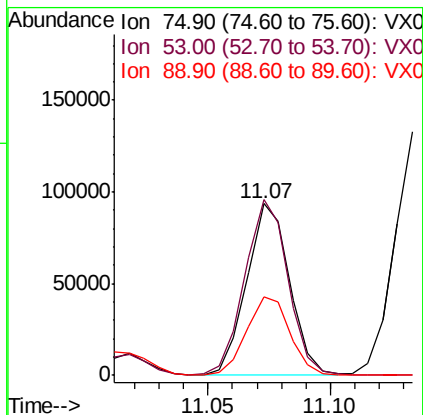
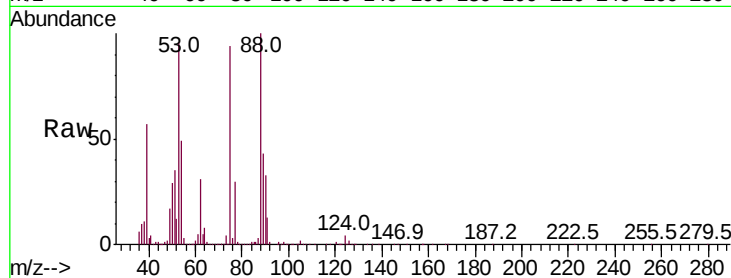
75 100

53 103.3 79.7 119.5

89 46.8 38.0 57.0

Manual Integrations
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#82

4-Chlorotoluene

Concen: 50.824 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006687.D

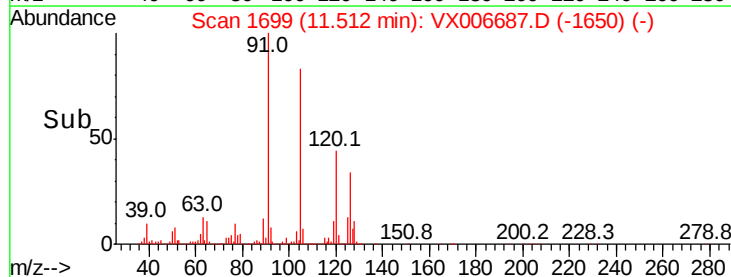
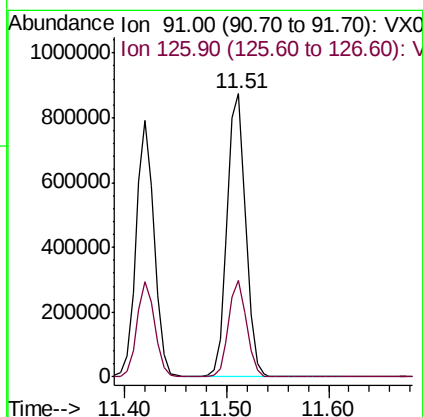
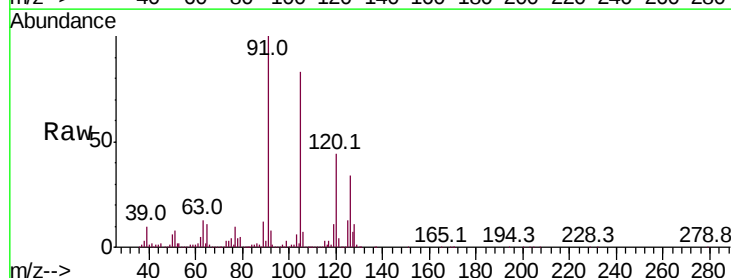
Acq: 20 Dec 2018 20:14

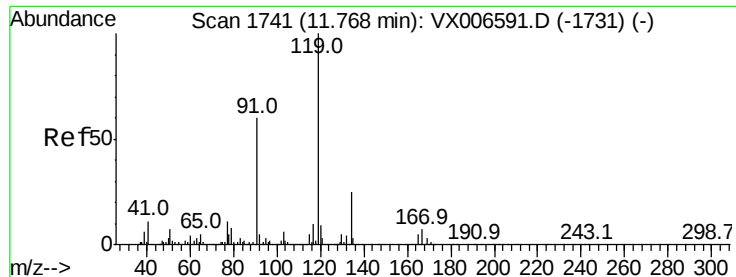
Tgt Ion: 91 Resp: 1097884

Ion Ratio Lower Upper

91 100

126 32.7 16.3 48.9





#83

tert-Butylbenzene

Concen: 52.659 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

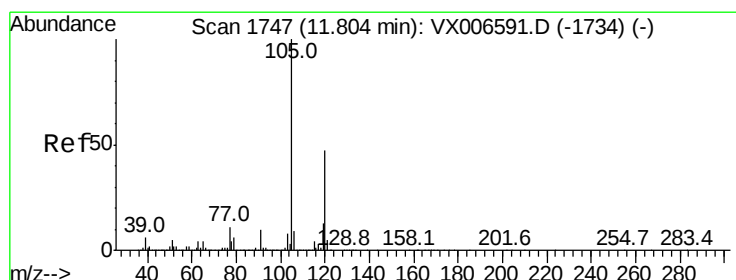
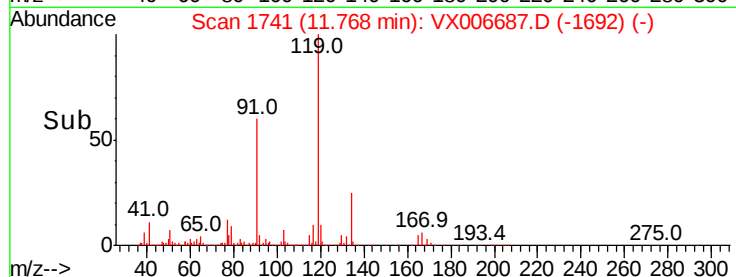
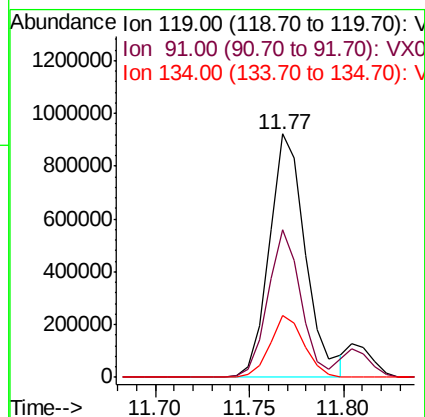
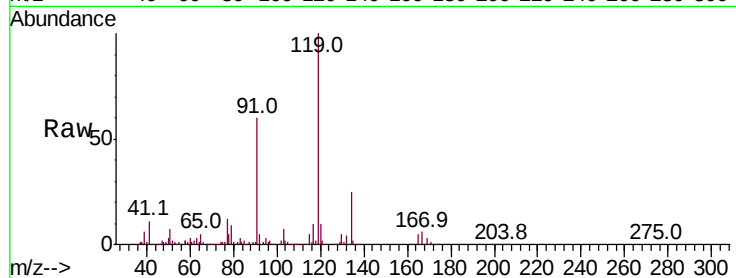
ClientSampleId :

VSTDCCC050EC

Tot Ion:	119	Resp:	1225011
Ion Ratio	Lower	Upper	
119	100		
91	55.3	27.7	83.1
134	23.9	11.9	35.5

Manual Integrations
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#84

1,2,4-Trimethylbenzene

Concen: 50.794 ug/l

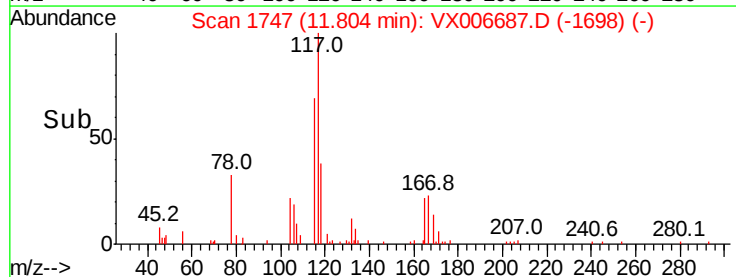
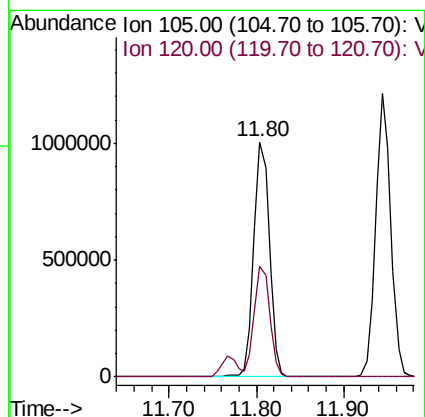
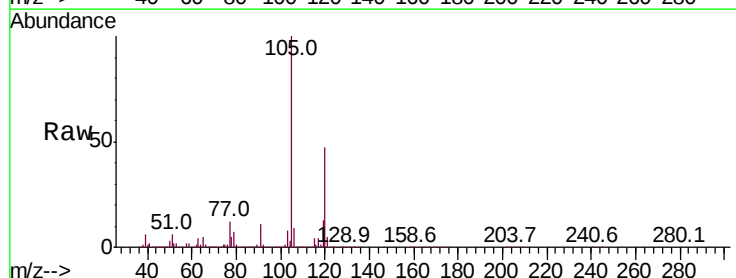
RT: 11.80 min Scan# 1747

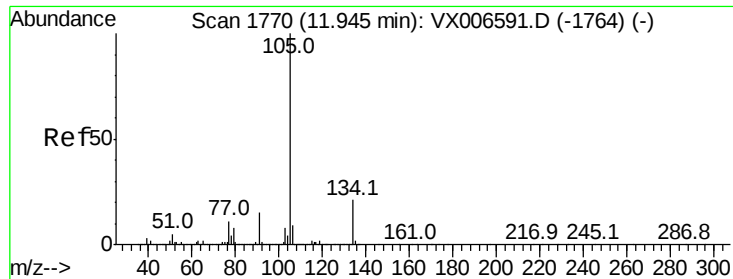
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	105	Resp:	1241833
Ion Ratio	Lower	Upper	
105	100		
120	46.4	23.2	69.6





#85

sec-Butylbenzene

Concen: 51.622 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:105 Resp: 1472356

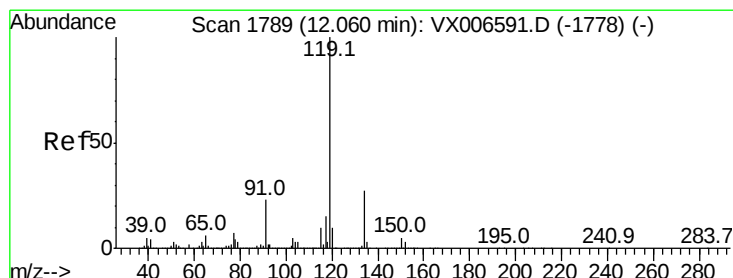
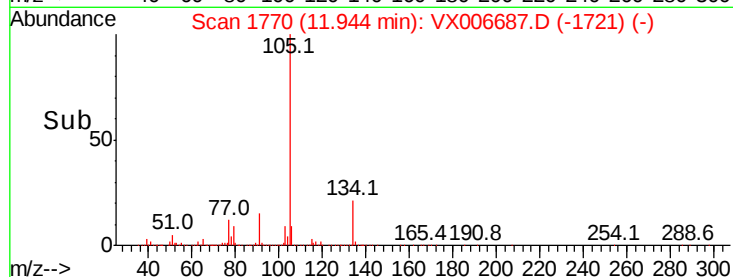
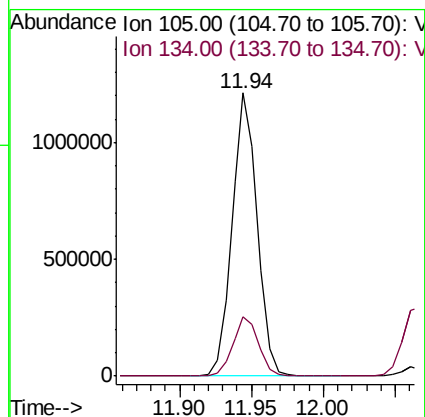
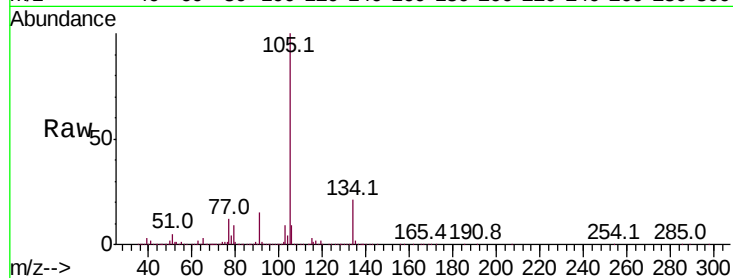
Ion Ratio Lower Upper

105 100

134 21.4 10.7 31.9

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#86

p-Isopropyltoluene

Concen: 52.749 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

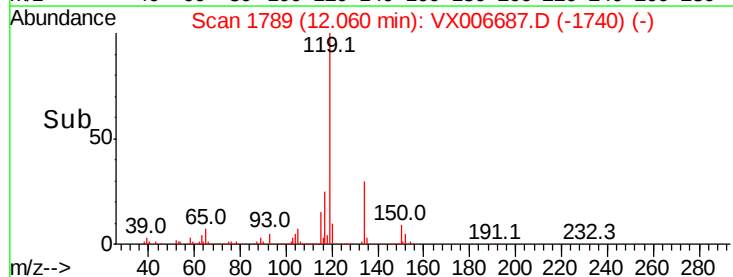
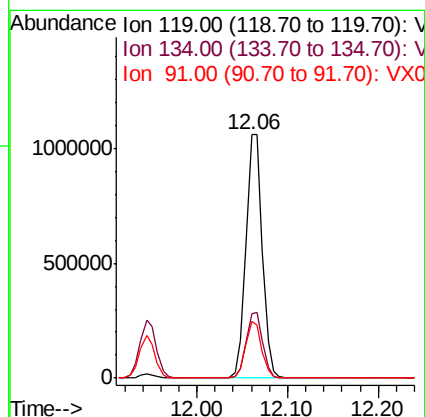
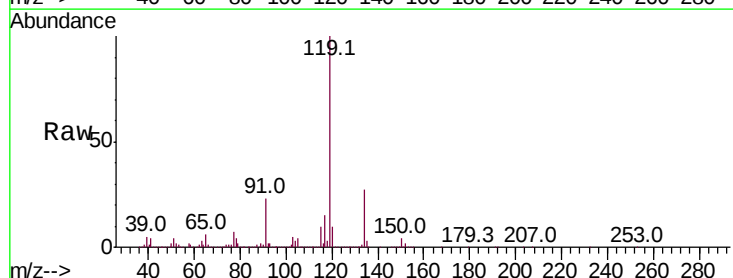
Tgt Ion:119 Resp: 1322521

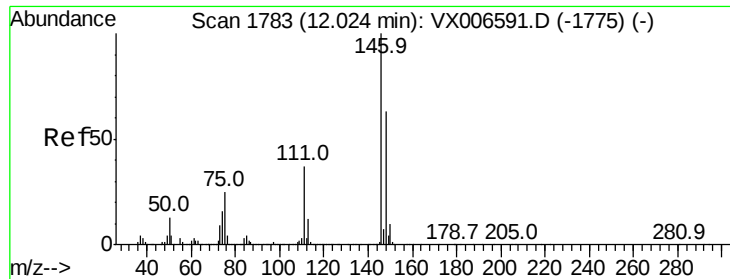
Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.8 11.3 33.9





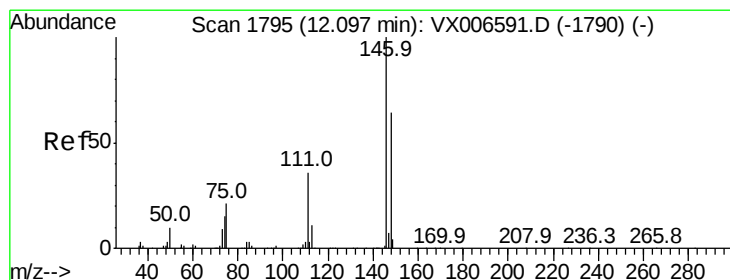
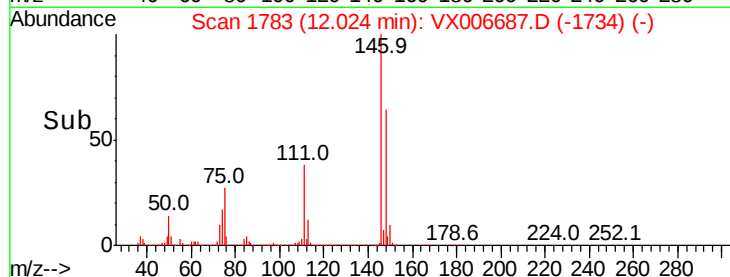
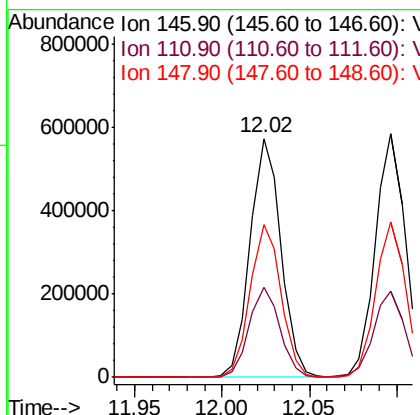
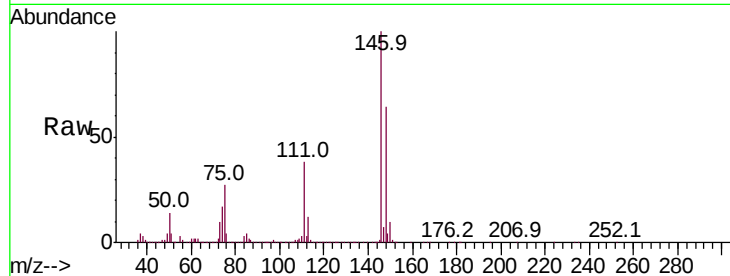
#87
 1,3-Dichlorobenzene
 Concen: 51.049 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006687.D
 Acq: 20 Dec 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.7	18.6	55.8
148	64.2	31.8	95.3

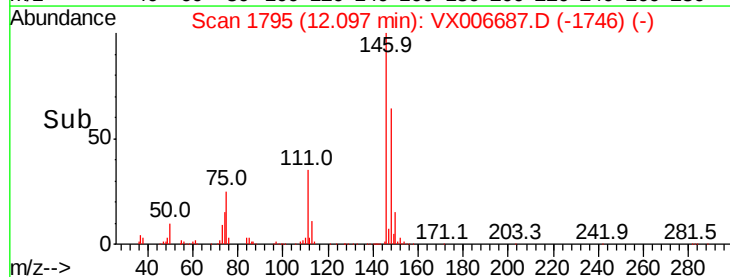
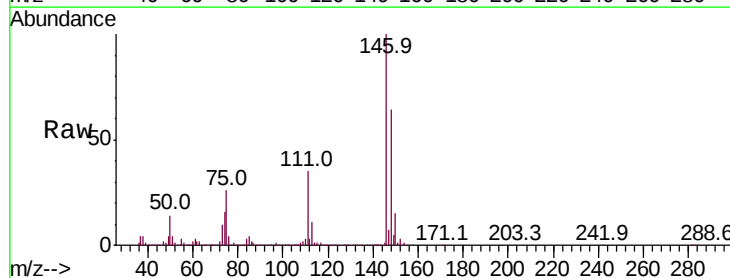
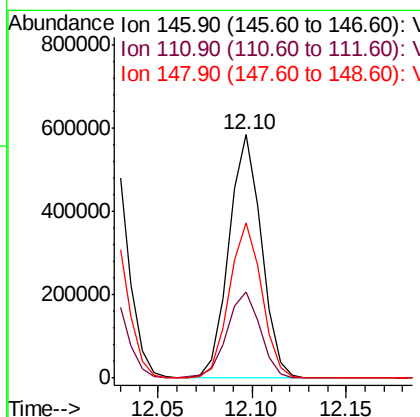
Manual Integrations
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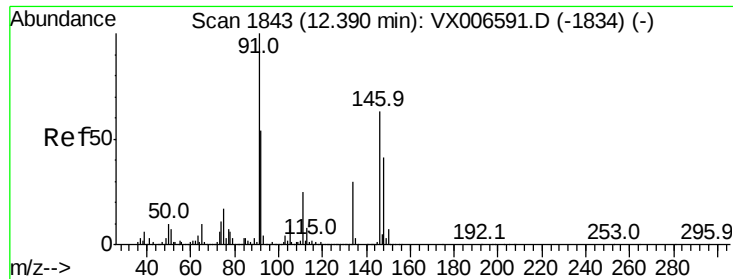
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#88
 1,4-Dichlorobenzene
 Concen: 49.328 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006687.D
 Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.4	18.1	54.1
148	64.0	31.9	95.9





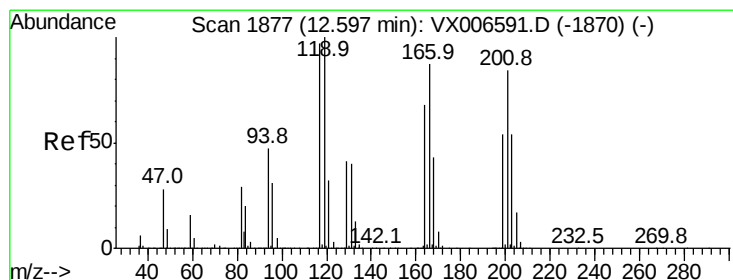
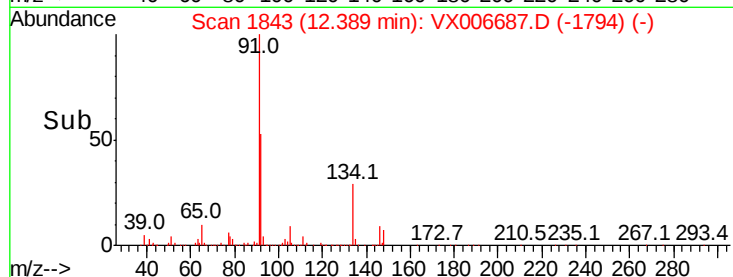
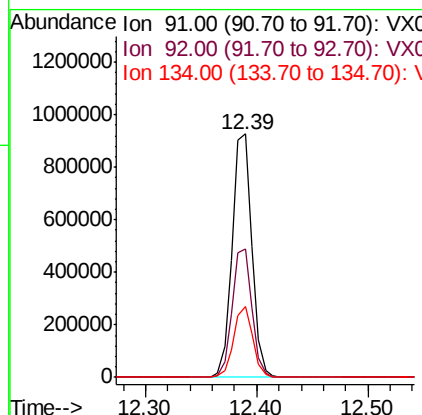
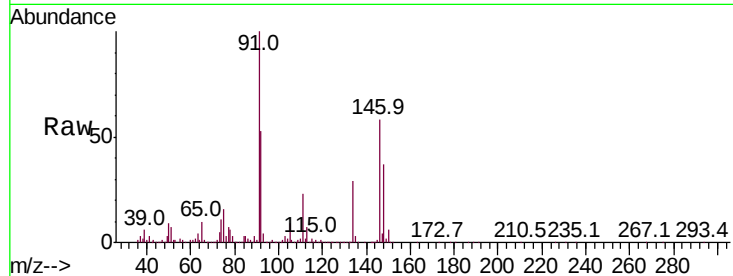
#89
n-Butylbenzene
Concen: 52.856 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
91	100		
92	53.1	26.8	80.4
134	28.2	14.4	43.2

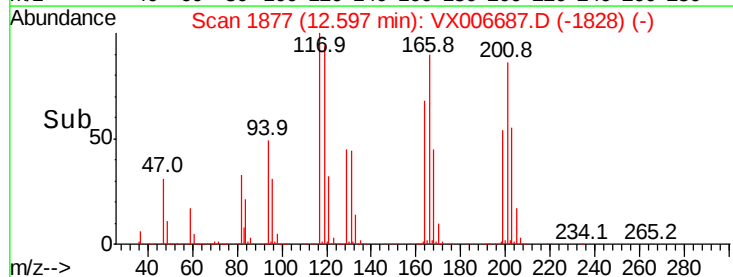
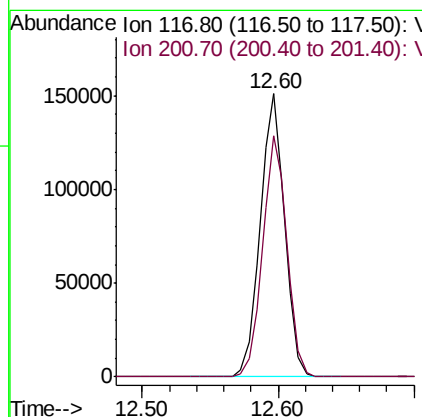
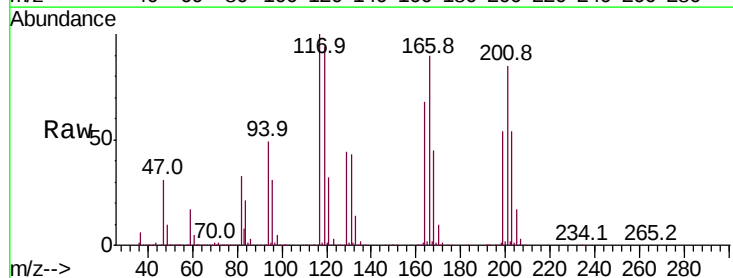
Manual Integrations
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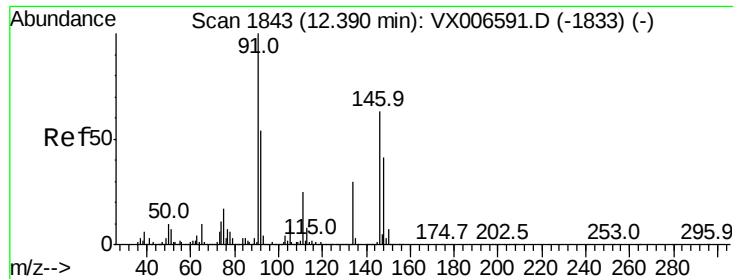
MMDadoda
12/21/2018 10:19:04 AM



#90
Hexachloroethane
Concen: 48.610 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006687.D
Acq: 20 Dec 2018 20:14

Tgt Ion	Ratio	Lower	Upper
117	100		
201	84.6	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 50.028 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

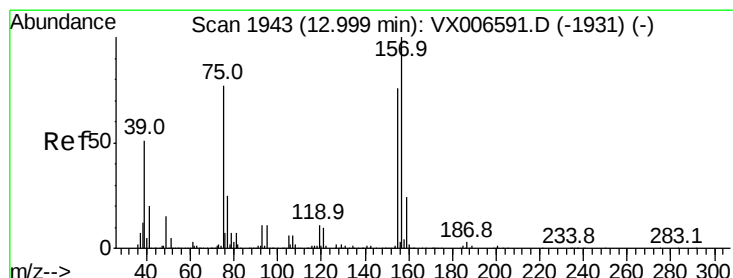
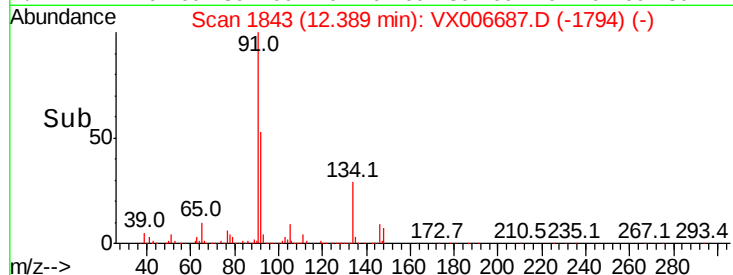
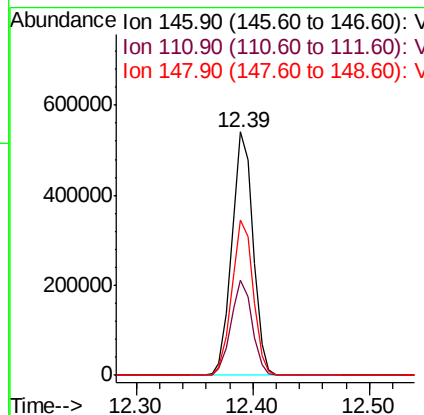
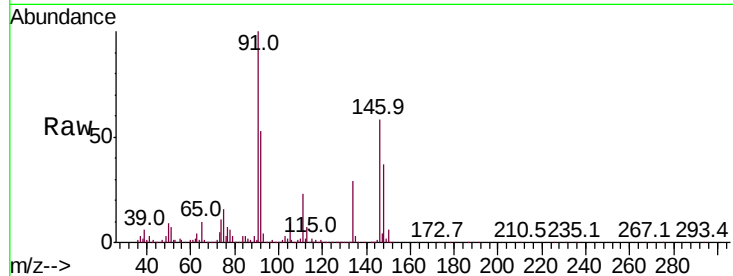
ClientSampleId :

VSTDCCC050EC

Tot Ion:	146	Resp:	688114
Ion Ratio	Lower	Upper	
146	100		
111	38.5	19.4	58.2
148	64.1	32.3	96.9

Manual Integrations
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MMDadoda
12/21/2018 10:19:04 AM



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.213 ug/l

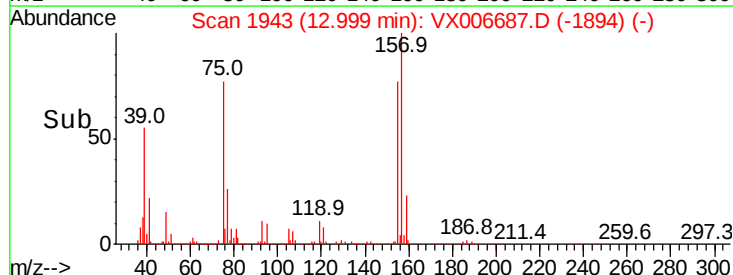
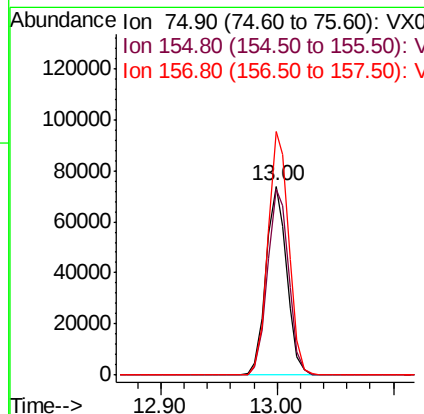
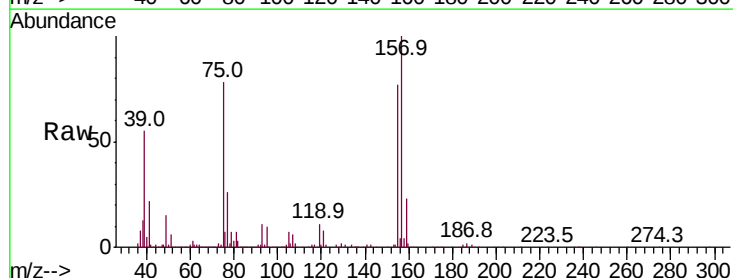
RT: 13.00 min Scan# 1943

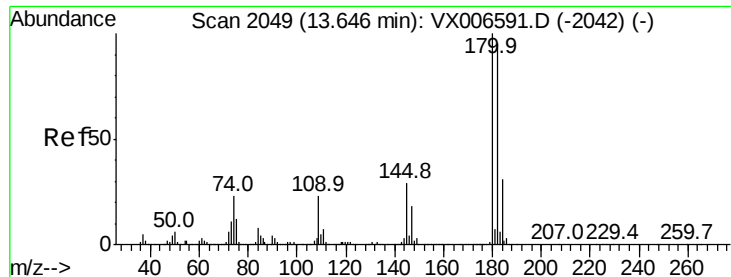
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	75	Resp:	92406
Ion Ratio	Lower	Upper	
75	100		
155	99.8	50.6	151.8
157	128.3	64.6	193.8





#93

1,2,4-Trichlorobenzene

Concen: 50.997 ug/l

RT: 13.65 min Scan# 2049

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

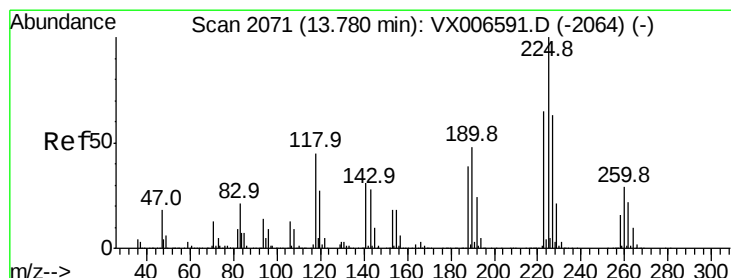
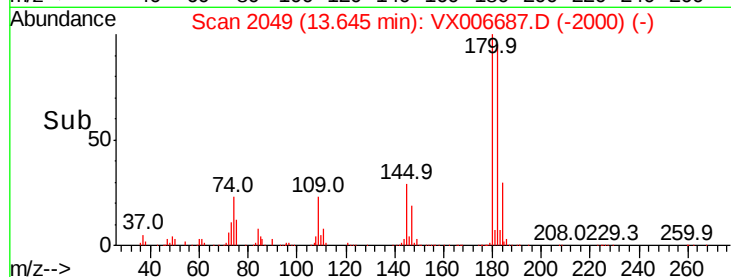
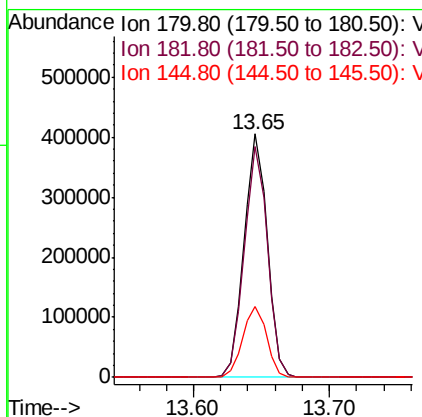
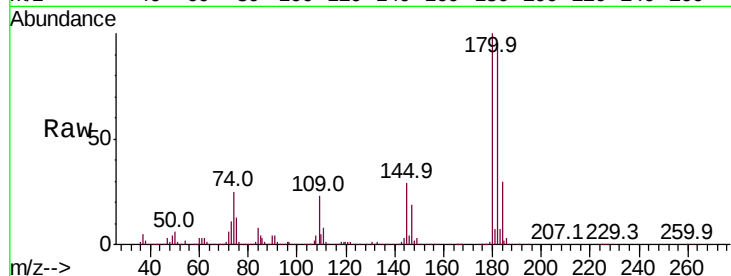
ClientSampleId :

VSTDCCC050EC

Tot Ion:	180	Resp:	483852
Ion Ratio	Lower	Upper	
180	100		
182	95.0	47.3	142.0
145	29.9	14.8	44.3

Manual Integrations
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#94

Hexachlorobutadiene

Concen: 49.607 ug/l

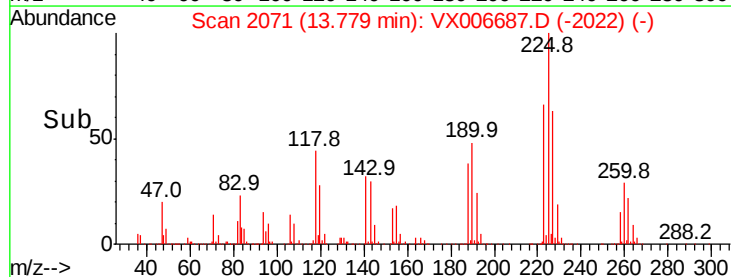
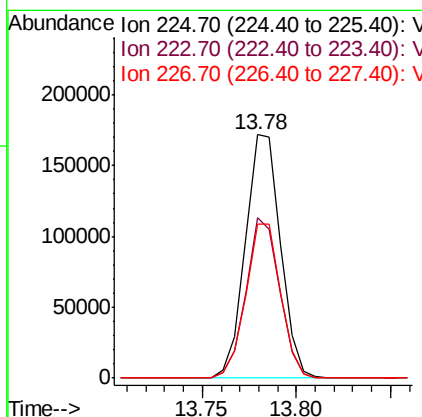
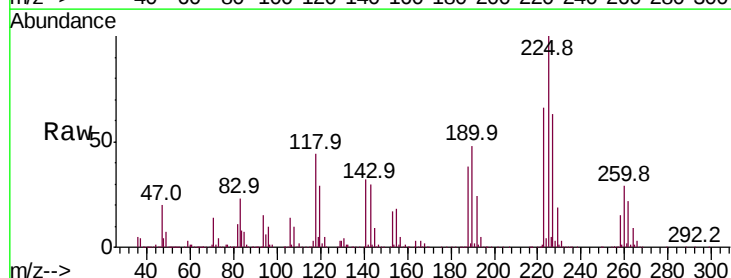
RT: 13.78 min Scan# 2071

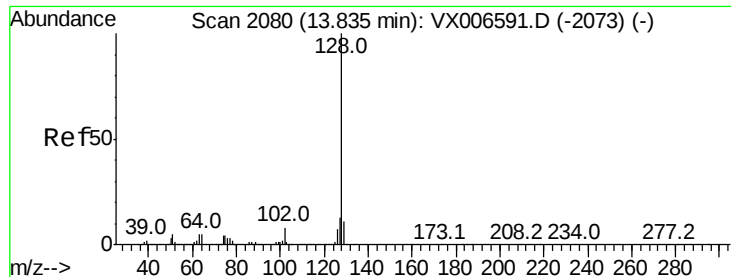
Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:	225	Resp:	221847
Ion Ratio	Lower	Upper	
225	100		
223	63.0	32.1	96.3
227	63.2	32.3	96.8





#95

Naphthalene

Concen: 51.070 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1546507

Ion Ratio Lower Upper

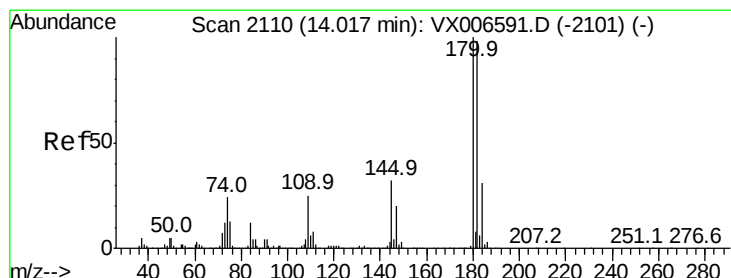
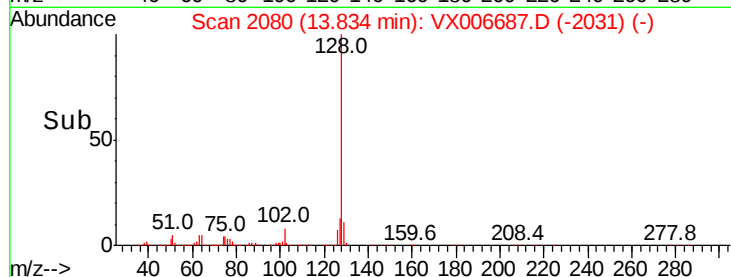
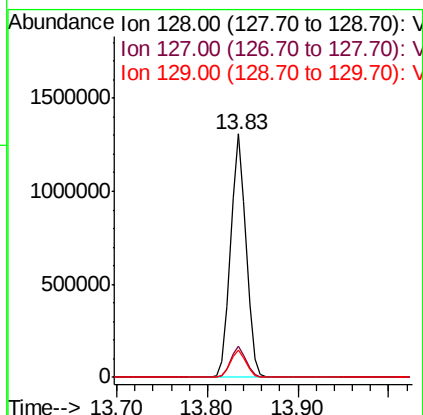
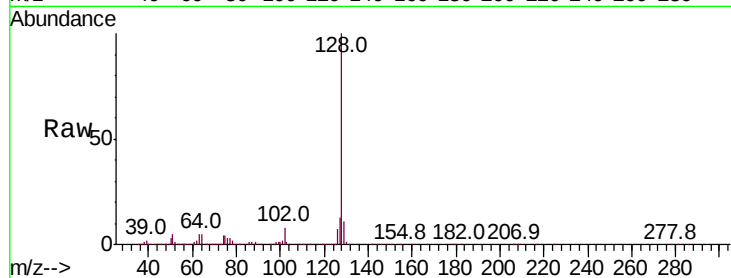
128 100

127 12.9 10.1 15.1

129 11.2 8.6 13.0

Manual Integrations
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#96

1,2,3-Trichlorobenzene

Concen: 49.429 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006687.D

Acq: 20 Dec 2018 20:14

Tgt Ion:180 Resp: 484220

Ion Ratio Lower Upper

180 100

182 95.7 48.5 145.5

145 31.2 16.0 47.9

