

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX122418\
 Data File : VX006781.D
 Acq On : 24 Dec 2018 09:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:06 AM

Quant Time: Dec 25 02:16:26 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	5.66	168	710780	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1030981	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	958439	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	521399	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	390557	50.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.96%	
35) Dibromofluoromethane	5.50	113	363813	55.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.60%	
50) Toluene-d8	8.71	98	1353737	55.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.16%	
62) 4-Bromofluorobenzene	11.13	95	506634	56.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.56%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	288773	44.410	ug/l	97
3) Chloromethane	1.33	50	307523	43.898	ug/l	99
4) Vinyl Chloride	1.41	62	328247	44.864	ug/l	99
5) Bromomethane	1.64	94	324108	47.369	ug/l	99
6) Chloroethane	1.71	64	206759	40.813	ug/l	98
7) Trichlorofluoromethane	1.93	101	527354	46.231	ug/l	97
8) Diethyl Ether	2.19	74	202666	44.732	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	317578	47.417	ug/l	99
10) Methyl Iodide	2.51	142	456154	47.579	ug/l	99
11) Tert butyl alcohol	3.07	59	388955	227.511	ug/l	99
12) 1,1-Dichloroethene	2.37	96	285119	44.896	ug/l	100
13) Acrolein	2.29	56	234419	203.257	ug/l	99
14) Allyl chloride	2.73	41	500568	46.828	ug/l	98
15) Acrylonitrile	3.15	53	878396	231.409	ug/l	100
16) Acetone	2.45	43	947270	269.152	ug/l	98
17) Carbon Disulfide	2.57	76	709077	42.192	ug/l	100
18) Methyl Acetate	2.78	43	501155	48.426	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	1001345	47.507	ug/l	99
20) Methylene Chloride	2.85	84	323815	44.495	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	311613	44.285	ug/l	99
22) Diisopropyl ether	3.87	45	995555	50.908	ug/l	95
23) Vinyl Acetate	3.82	43	4102393	256.461	ug/l	99
24) 1,1-Dichloroethane	3.70	63	551489	47.241	ug/l	98
25) 2-Butanone	4.70	43	1245571	251.602	ug/l	98
26) 2,2-Dichloropropane	4.58	77	441126	48.918	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	363618	46.837	ug/l	98
28) Bromochloromethane	5.02	49	284484	58.110	ug/l	99
29) Tetrahydrofuran	5.15	42	760633	233.280	ug/l	98
30) Chloroform	5.21	83	575932	47.641	ug/l	99
31) Cyclohexane	5.57	56	490188	46.220	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	497361	48.724	ug/l	99
36) 1,1-Dichloropropene	5.80	75	421442	49.356	ug/l	100
37) Ethyl Acetate	4.85	43	436697	49.136	ug/l	99
38) Carbon Tetrachloride	5.78	117	439503	52.962	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	558613	49.691	ug/l	99
40) Benzene	6.14	78	1277899	49.234	ug/l	98
41) Methacrylonitrile	5.06	41	243836	51.676	ug/l	99
42) 1,2-Dichloroethane	6.20	62	429843	48.600	ug/l	100
43) Isopropyl Acetate	6.46	43	720845	53.307	ug/l	99
44) Trichloroethene	7.21	130	381830	48.604	ug/l	95
45) 1,2-Dichloropropane	7.51	63	321759	50.942	ug/l	97
46) Dibromomethane	7.66	93	230028	49.512	ug/l	98
47) Bromodichloromethane	7.90	83	417977	54.189	ug/l	97
48) Methyl methacrylate	7.77	41	372959	54.235	ug/l	98
49) 1,4-Dioxane	7.75	88	181148	1006.941	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2307347	268.170	ug/l	99
52) Toluene	8.78	92	841677	50.194	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	471593	57.008	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	515394	56.781	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	351272	51.179	ug/l	99
56) Ethyl methacrylate	9.18	69	523796	53.995	ug/l	97
57) 1,3-Dichloropropane	9.37	76	558653	50.590	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1392590	270.059	ug/l	99
59) 2-Hexanone	9.49	43	1833577	278.527	ug/l	99
60) Dibromochloromethane	9.58	129	375969	52.264	ug/l	98
61) 1,2-Dibromoethane	9.67	107	377658	51.761	ug/l	99
64) Tetrachloroethene	9.34	164	356057	46.915	ug/l	97
65) Chlorobenzene	10.13	112	993063	48.976	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	354663	56.062	ug/l	99
67) Ethyl Benzene	10.25	91	1660826	50.125	ug/l	100
68) m/p-Xylenes	10.36	106	1330445	101.760	ug/l	100
69) o-Xylene	10.69	106	650486	50.384	ug/l	99
70) Styrene	10.71	104	1067929	52.284	ug/l	99
71) Bromoform	10.85	173	287154	50.293	ug/l	100
73) Isopropylbenzene	11.02	105	1739994	48.780	ug/l	100
74) N-amyl acetate	10.90	43	682525	53.457	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	526288	49.611	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	491168m	50.689	ug/l	
77) Bromobenzene	11.26	156	471562	48.899	ug/l	98
78) n-propylbenzene	11.36	91	1989084	50.639	ug/l	99
79) 2-Chlorotoluene	11.42	91	1148813	48.262	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1470606	50.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	152833	48.170	ug/l	99
82) 4-Chlorotoluene	11.51	91	1360897	49.841	ug/l	100
83) tert-Butylbenzene	11.77	119	1474609	50.148	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1494068	48.347	ug/l	99
85) sec-Butylbenzene	11.94	105	1810576	50.221	ug/l	100
86) p-Isopropyltoluene	12.06	119	1632552	51.514	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	867006	49.885	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	871139	48.894	ug/l	100
89) n-Butylbenzene	12.38	91	1437821	53.310	ug/l	99
90) Hexachloroethane	12.60	117	248711	50.136	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	846284	48.676	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	110254	50.230	ug/l	97

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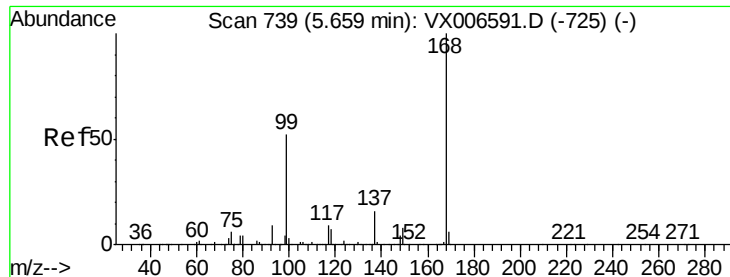
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	627959	52.361	ug/l	99
94) Hexachlorobutadiene	13.78	225	302128	53.448	ug/l	99
95) Naphthalene	13.83	128	1849723	48.325	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	619616	50.040	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:168 Resp: 710780

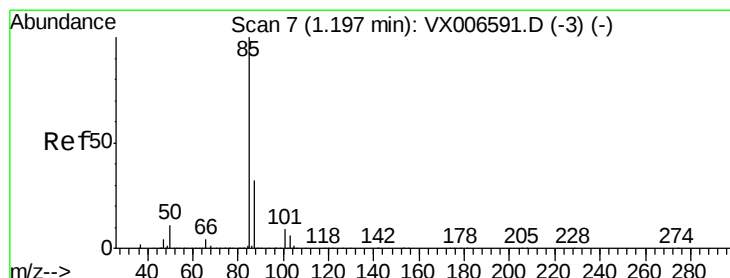
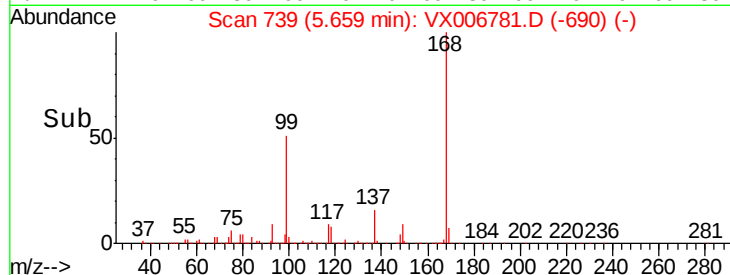
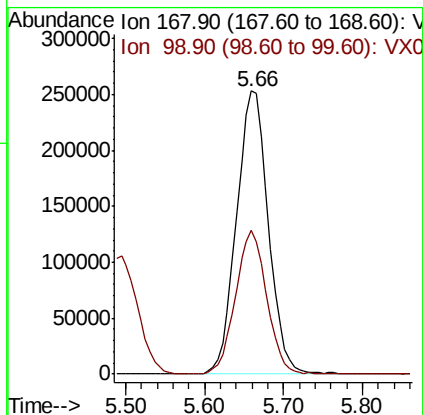
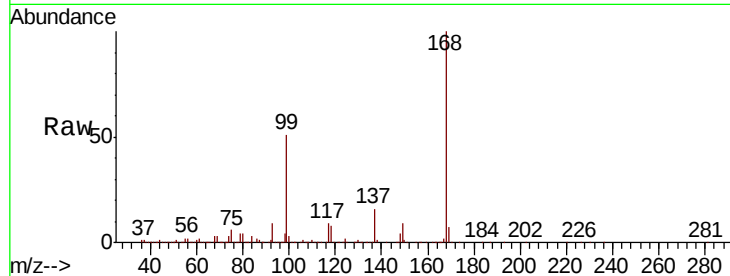
Ion Ratio Lower Upper

168 100

99 50.6 41.8 62.8

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#2

Dichlorodifluoromethane

Concen: 44.410 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006781.D

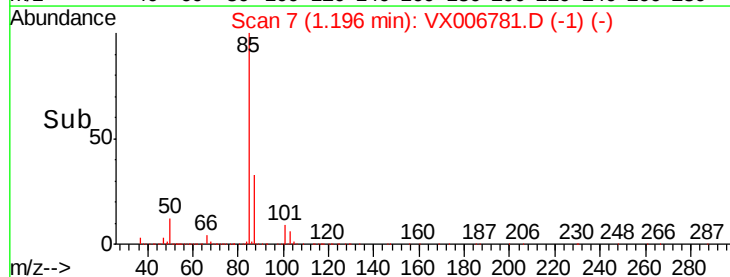
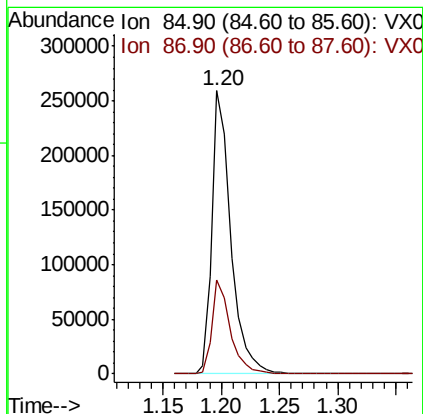
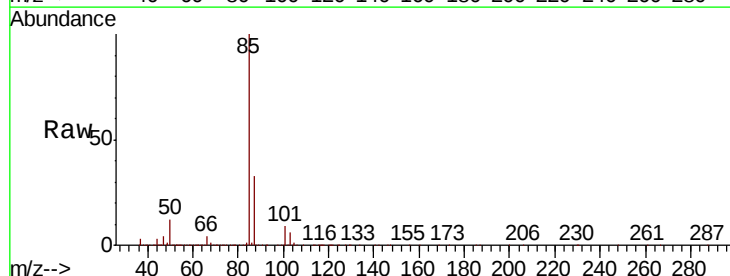
Acq: 24 Dec 2018 09:00

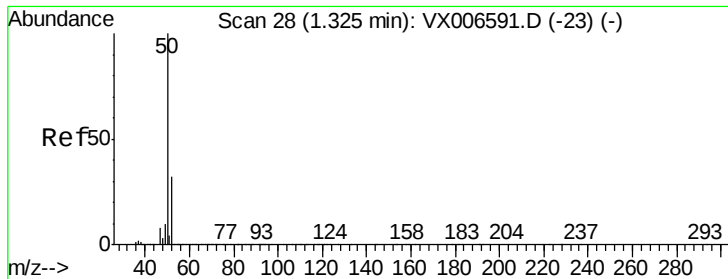
Tgt Ion: 85 Resp: 288773

Ion Ratio Lower Upper

85 100

87 33.2 15.9 47.6





#3

Chloromethane

Concen: 43.898 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 307523

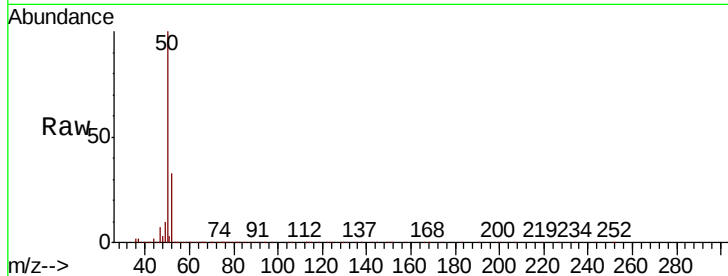
Ion Ratio Lower Upper

50 100

52 32.5 25.4 38.2

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12/26/2018 9:57:06 AM



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

250000

200000

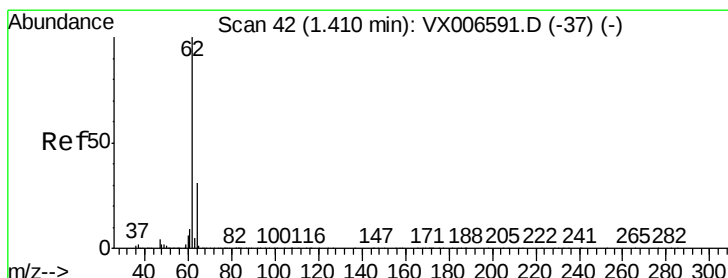
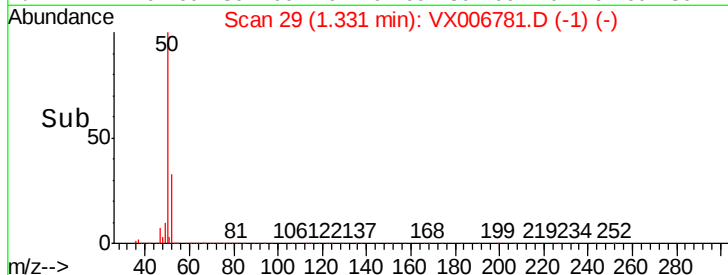
150000

100000

50000

0

Time-->



#4

Vinyl Chloride

Concen: 44.864 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006781.D

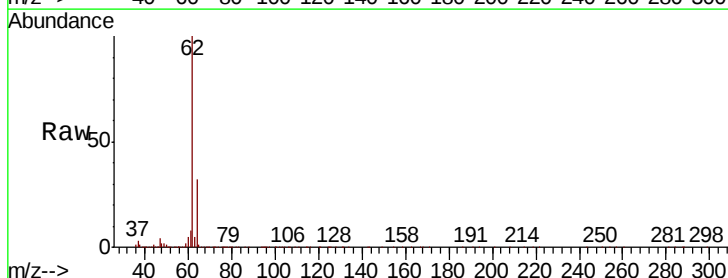
Acq: 24 Dec 2018 09:00

Tgt Ion: 62 Resp: 328247

Ion Ratio Lower Upper

62 100

64 31.8 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

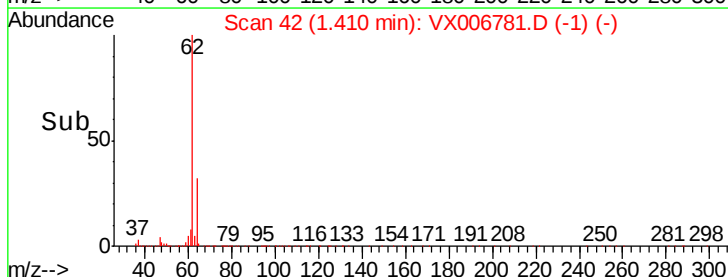
300000

200000

100000

0

Time-->





#5

Bromomethane

Concen: 47.369 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 324108

Ion Ratio Lower Upper

94 100

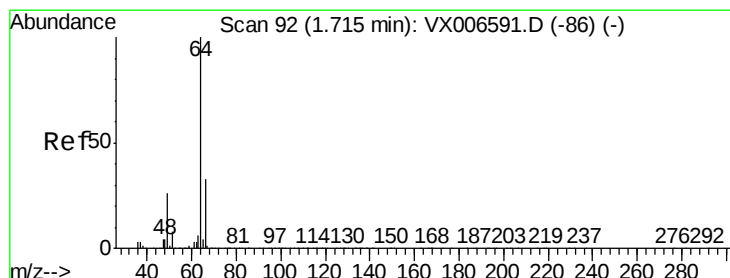
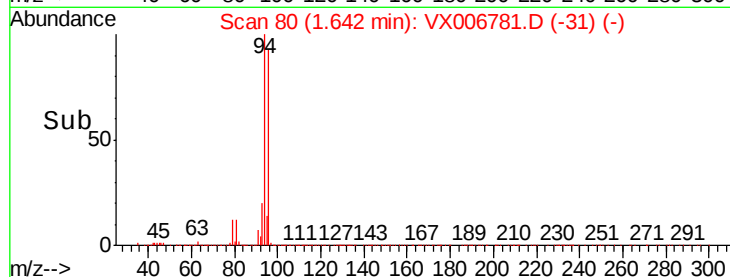
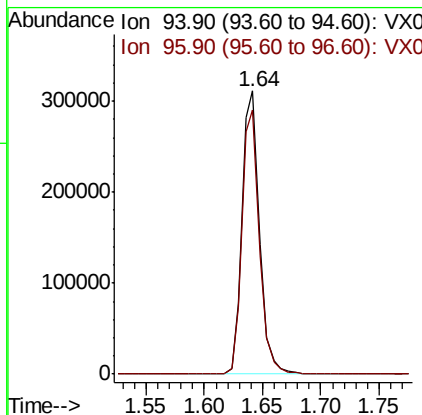
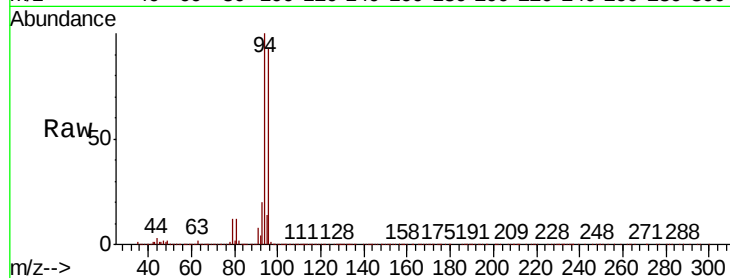
96 93.2 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 40.813 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006781.D

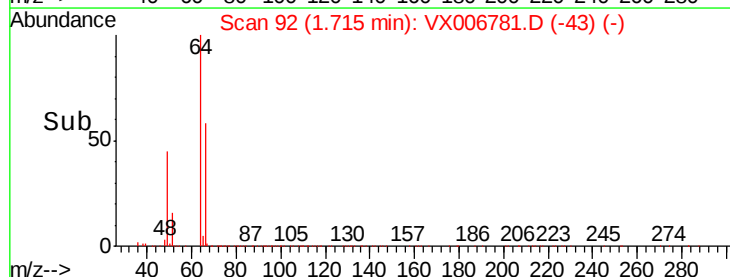
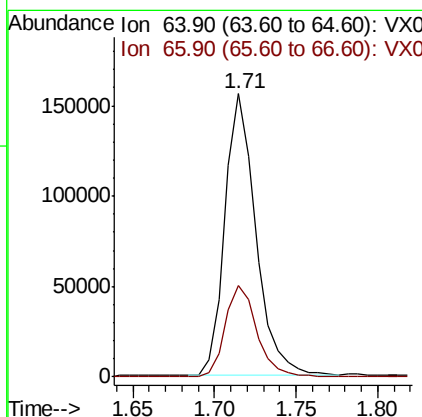
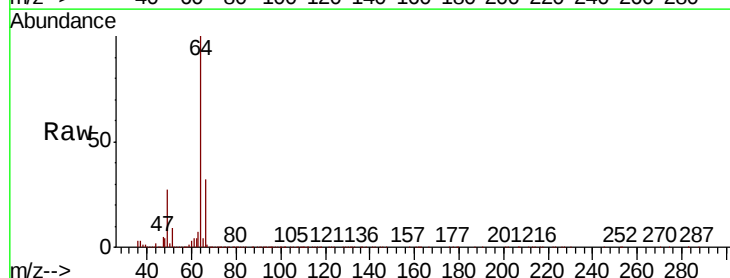
Acq: 24 Dec 2018 09:00

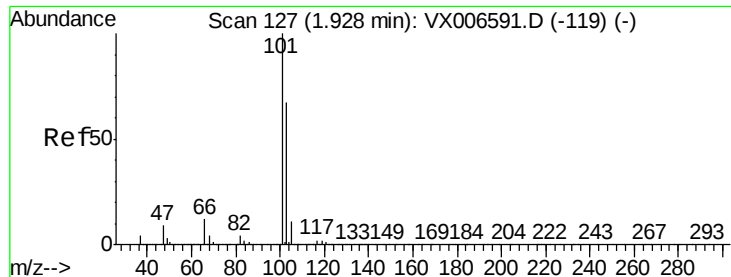
Tgt Ion: 64 Resp: 206759

Ion Ratio Lower Upper

64 100

66 32.0 26.4 39.6





#7

Trichlorofluoromethane

Concen: 46.231 ug/l

RT: 1.93 min Scan# 127

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

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Tot Ion:101 Resp: 527354

Ion Ratio Lower Upper

101 100

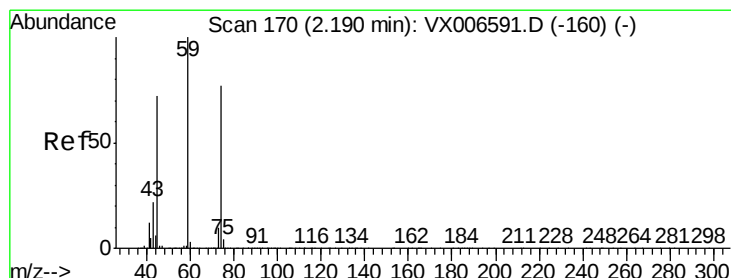
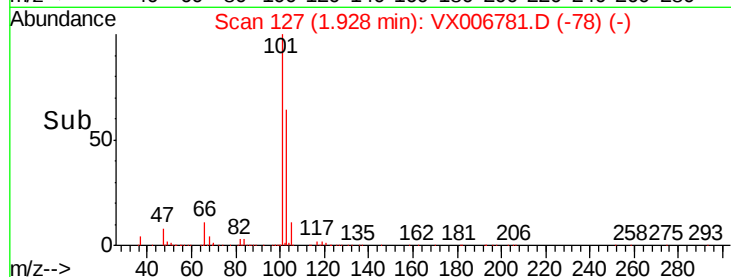
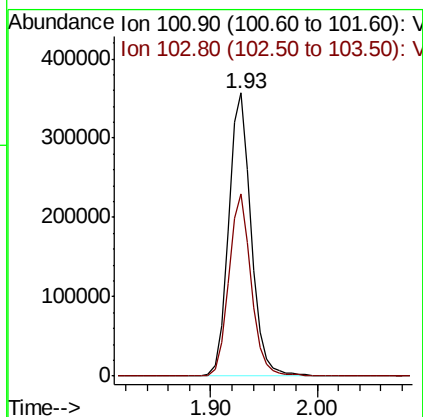
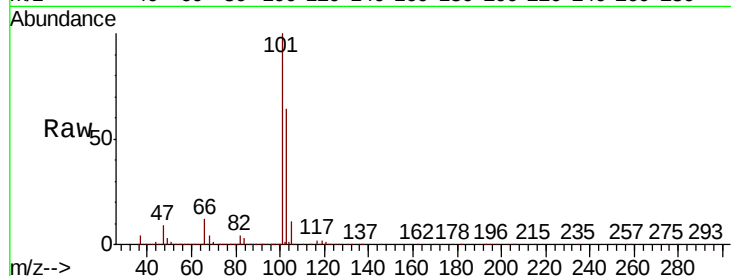
103 64.4 53.2 79.8

Manual Integrations

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#8

Diethyl Ether

Concen: 44.732 ug/l

RT: 2.19 min Scan# 170

Delta R.T. -0.00 min

Lab File: VX006781.D

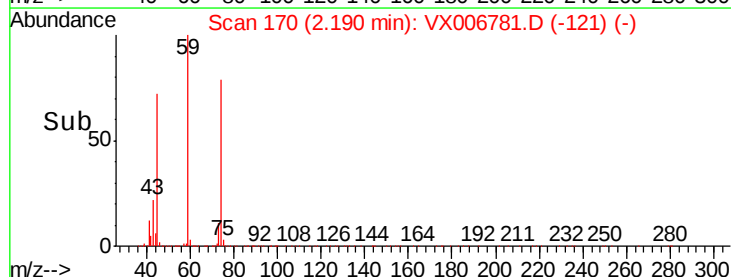
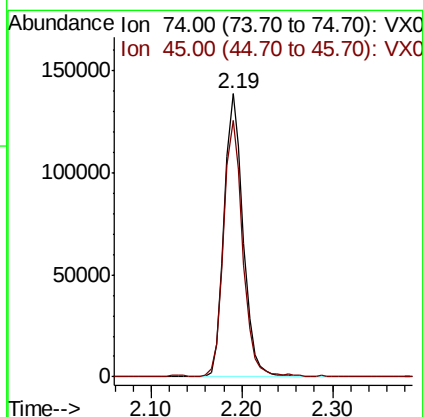
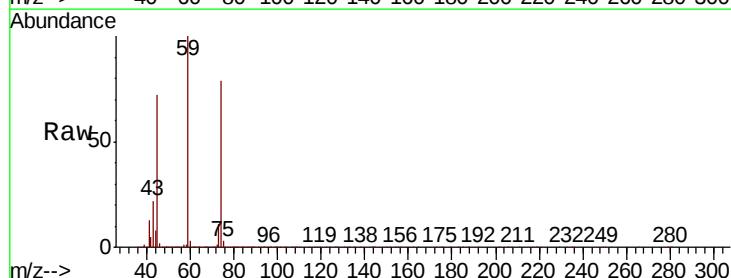
Acq: 24 Dec 2018 09:00

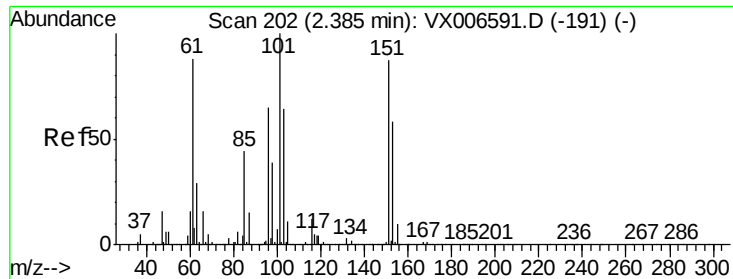
Tgt Ion: 74 Resp: 202666

Ion Ratio Lower Upper

74 100

45 90.0 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.417 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

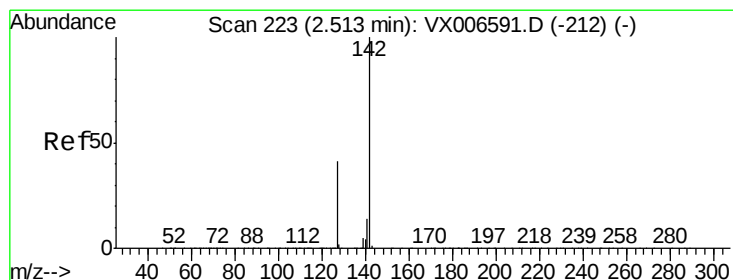
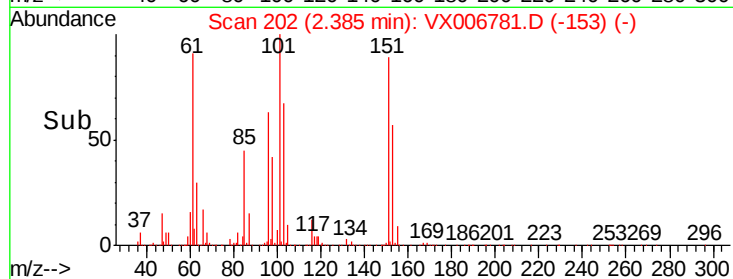
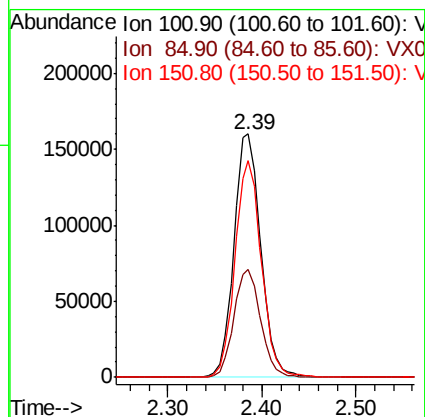
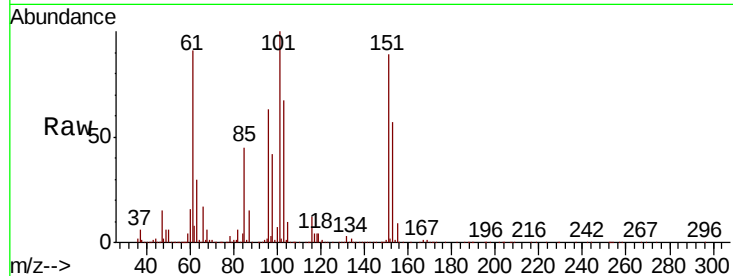
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	317578
Ion Ratio	Lower	Upper	
101	100		
85	44.2	35.1	52.7
151	87.4	68.9	103.3

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#10

Methyl Iodide

Concen: 47.579 ug/l

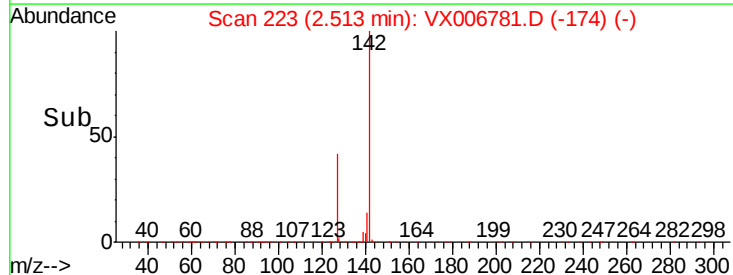
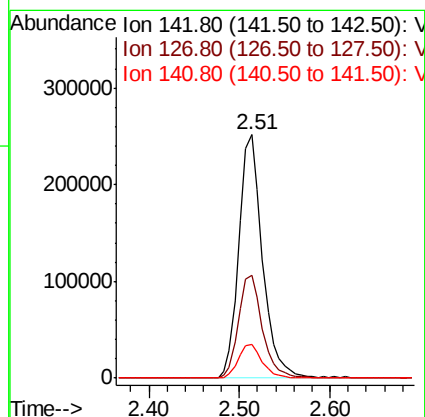
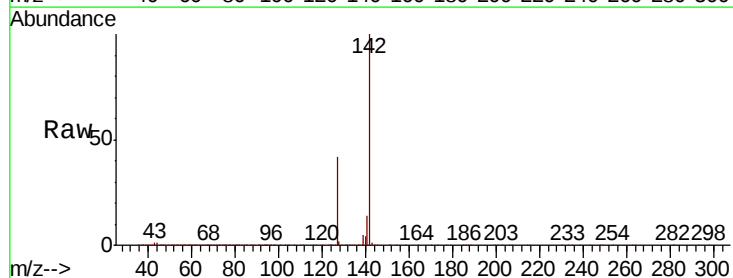
RT: 2.51 min Scan# 223

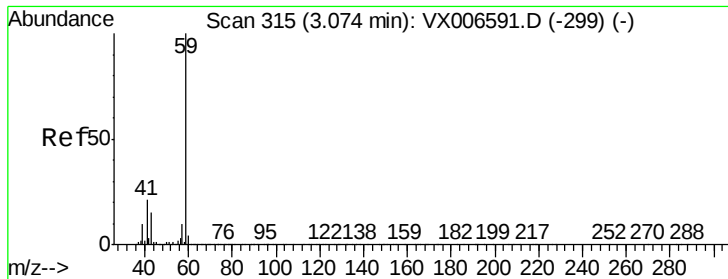
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	142	Resp:	456154
Ion Ratio	Lower	Upper	
142	100		
127	42.9	33.9	50.9
141	14.2	11.4	17.0





#11

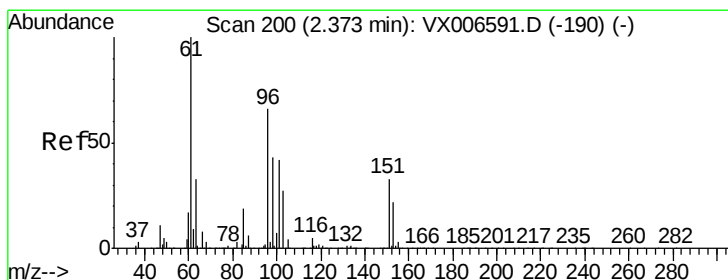
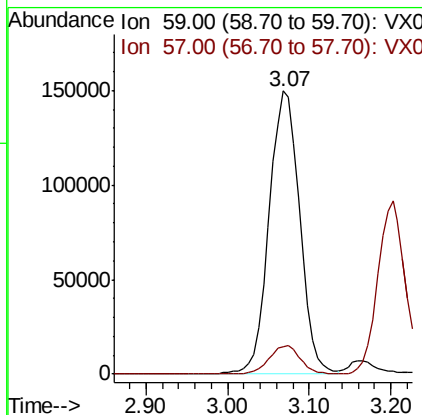
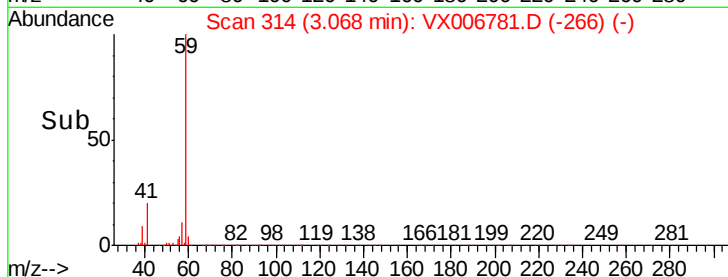
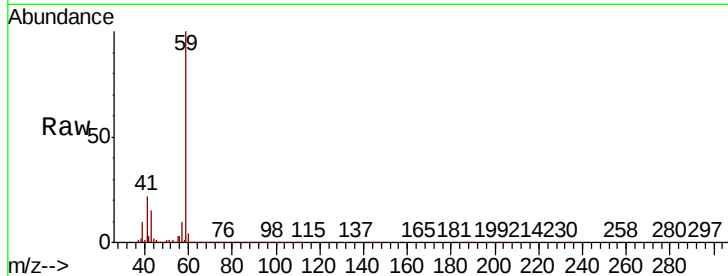
Tert butyl alcohol
Concen: 227.511 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.3	8.5	12.7

Manual Integrations
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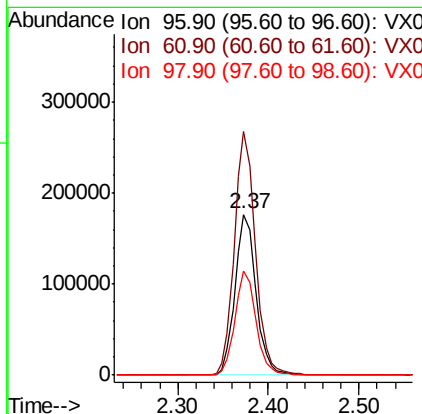
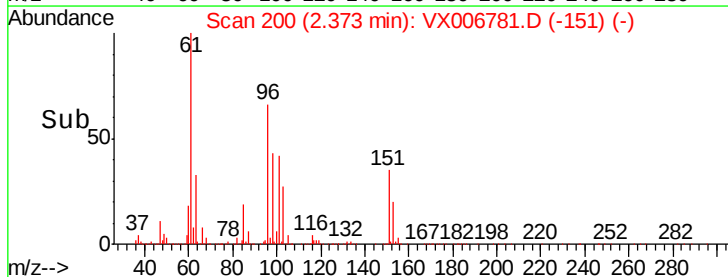
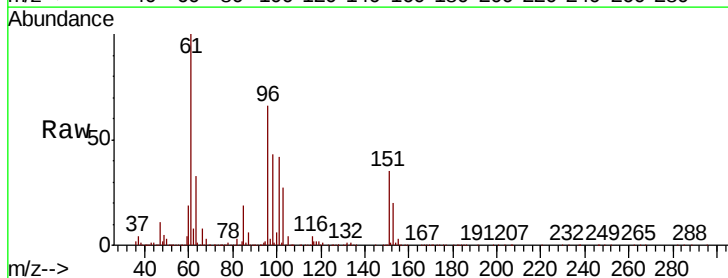
MMDadoda
12/26/2018 9:57:06 AM

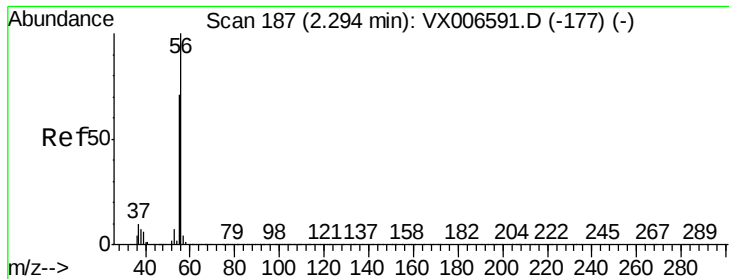


#12

1,1-Dichloroethene
Concen: 44.896 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
96	100		
61	151.4	121.4	182.2
98	64.4	51.9	77.9





#13

Acrolein

Concen: 203.257 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 234419

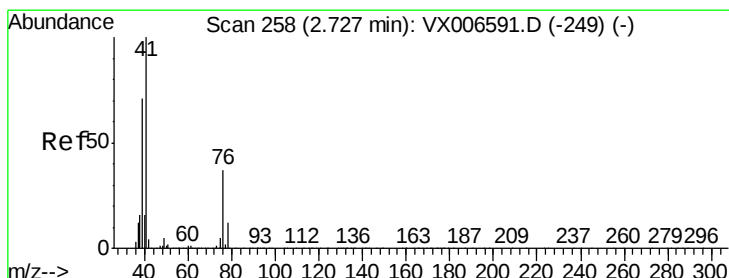
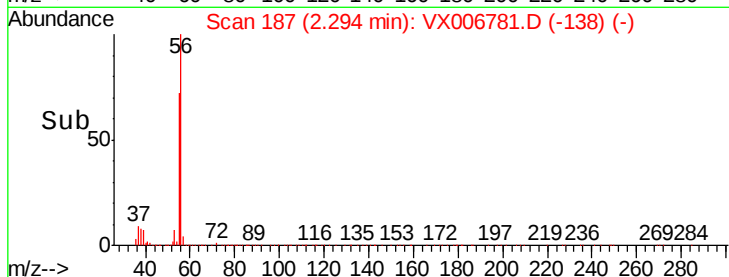
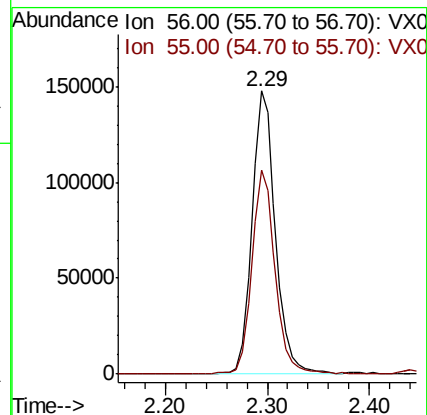
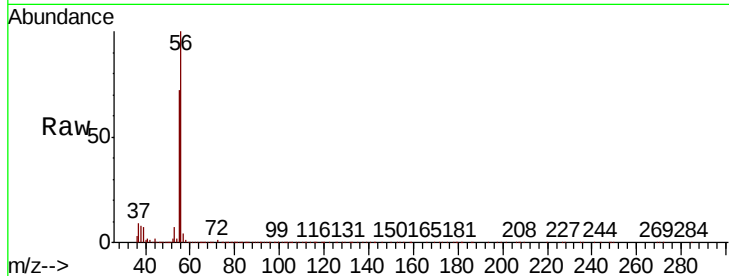
Ion Ratio Lower Upper

56 100

55 71.9 58.2 87.4

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#14

Allyl chloride

Concen: 46.828 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

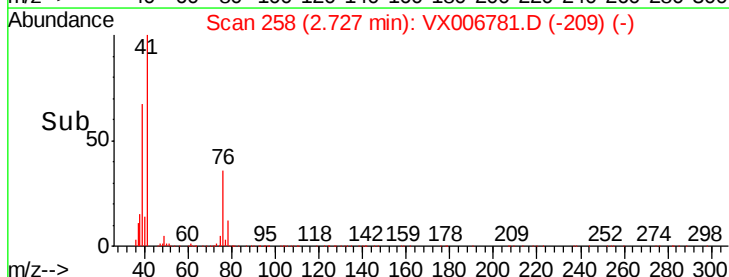
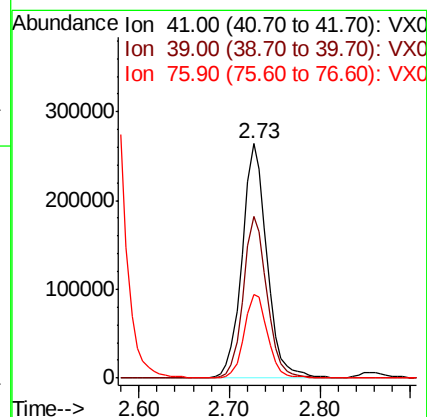
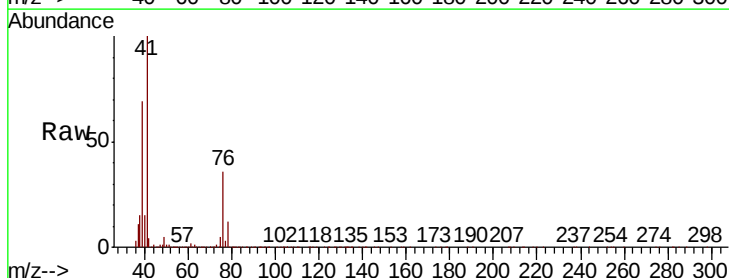
Tgt Ion: 41 Resp: 500568

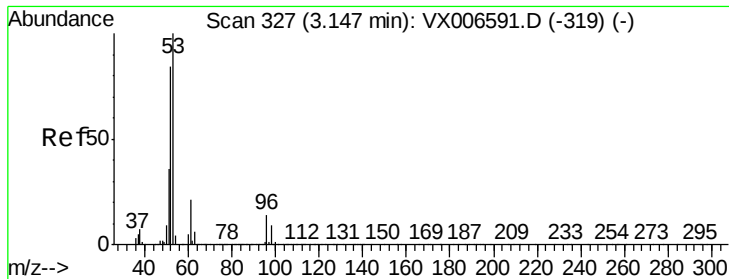
Ion Ratio Lower Upper

41 100

39 65.4 53.6 80.4

76 33.5 27.4 41.2





#15

Acrylonitrile

Concen: 231.409 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

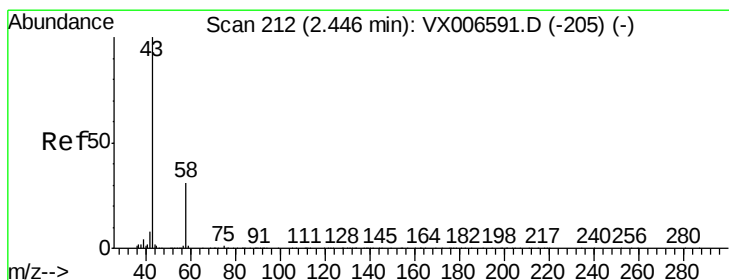
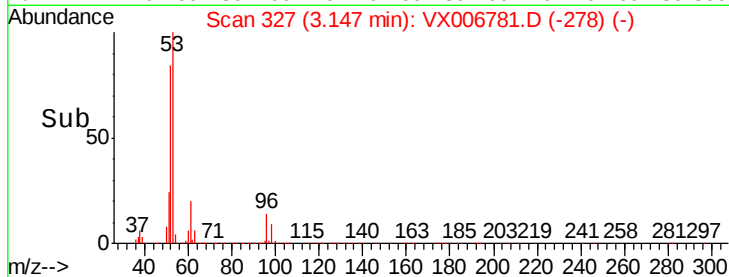
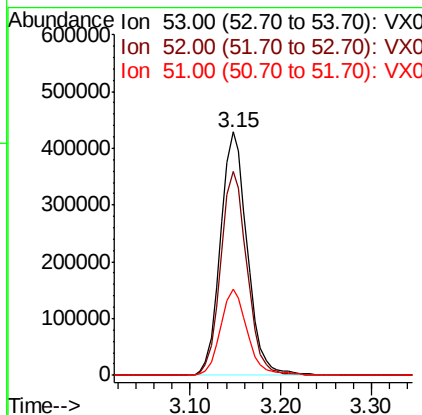
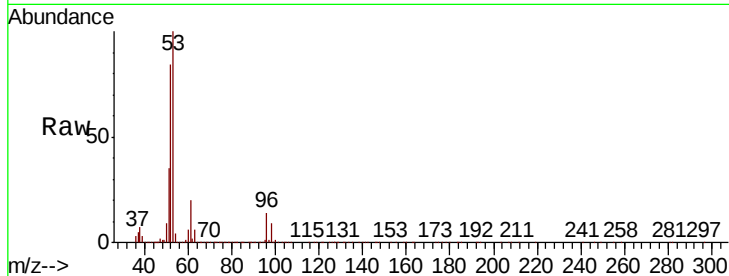
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	878396
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.0	99.0
51	35.5	28.6	42.8

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#16

Acetone

Concen: 269.152 ug/l

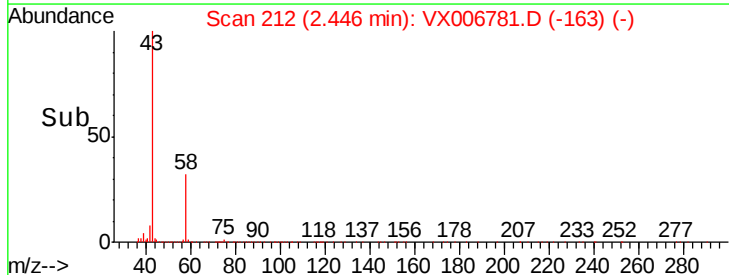
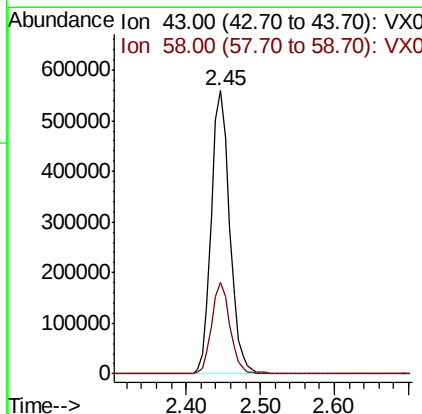
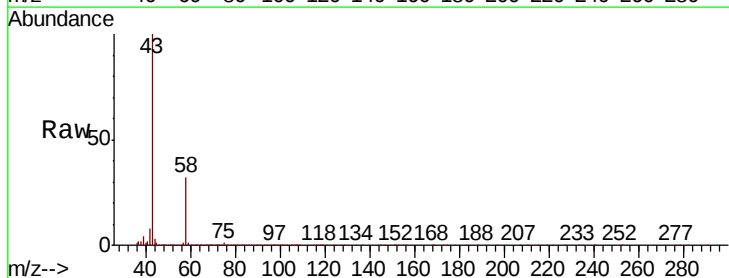
RT: 2.45 min Scan# 212

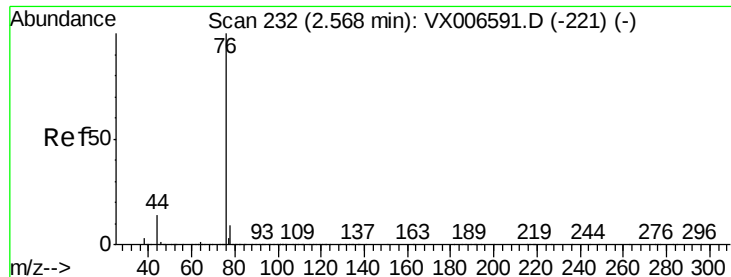
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	43	Resp:	947270
Ion	Ratio	Lower	Upper
43	100		
58	32.2	25.0	37.6





#17

Carbon Disulfide

Concen: 42.192 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 709077

Ion Ratio Lower Upper

76 100

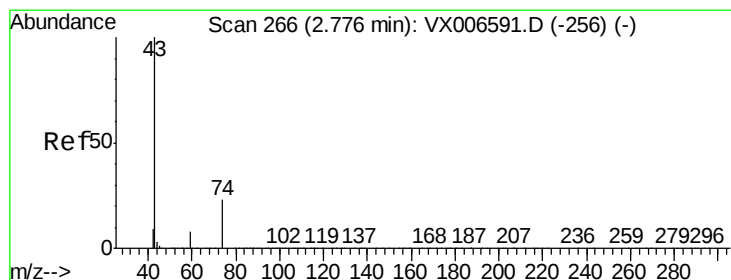
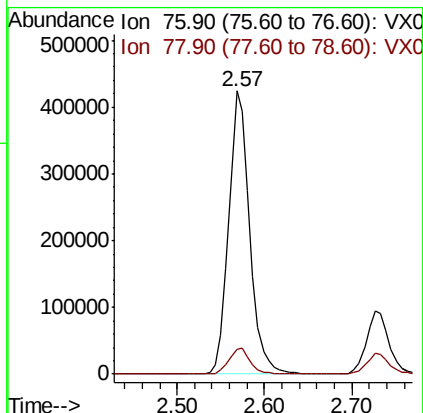
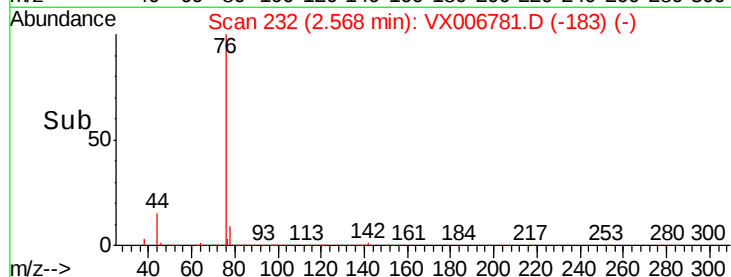
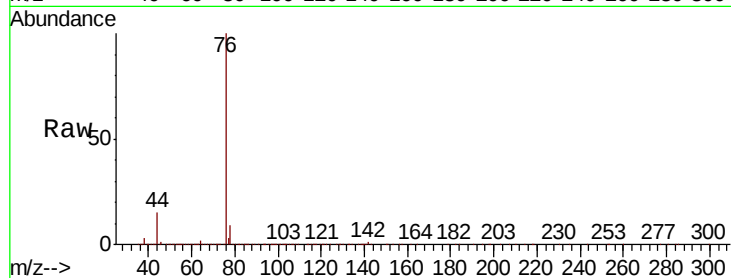
78 8.7 7.0 10.6

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#18

Methyl Acetate

Concen: 48.426 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006781.D

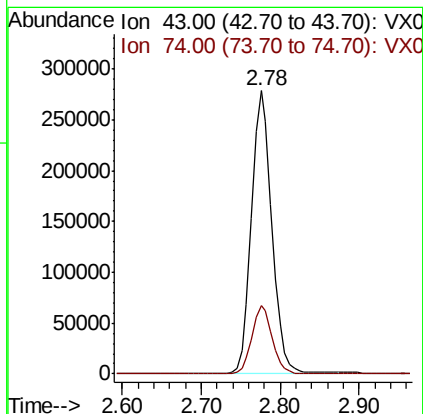
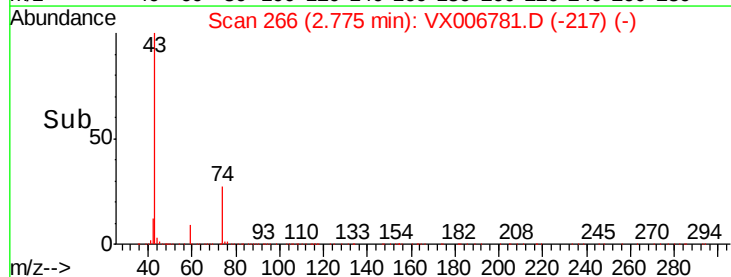
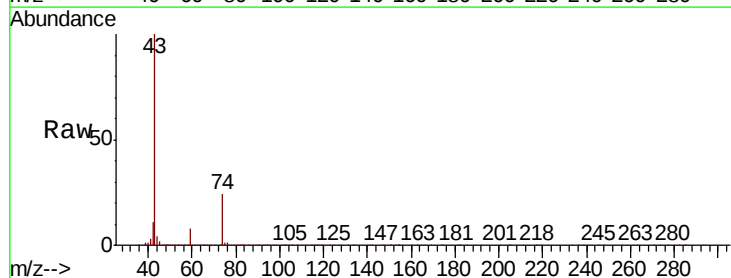
Acq: 24 Dec 2018 09:00

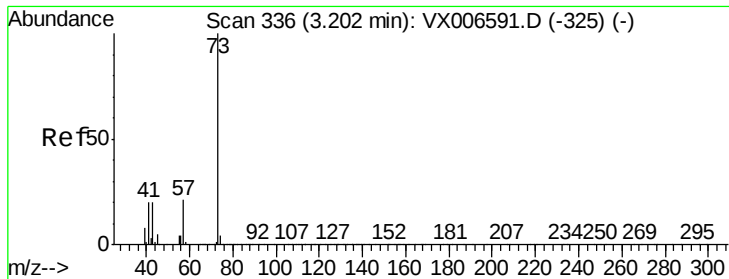
Tgt Ion: 43 Resp: 501155

Ion Ratio Lower Upper

43 100

74 24.1 18.6 28.0





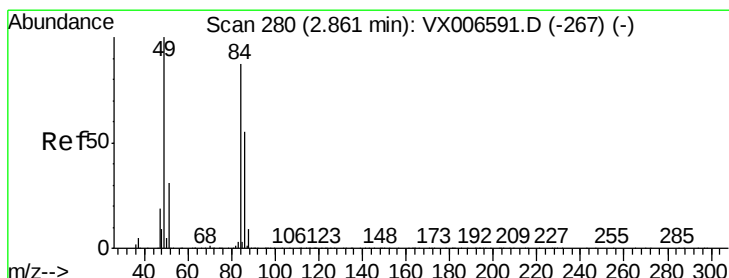
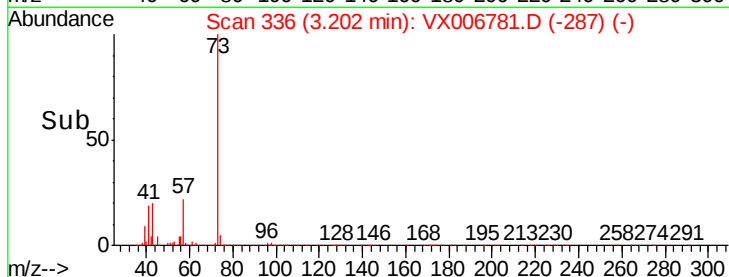
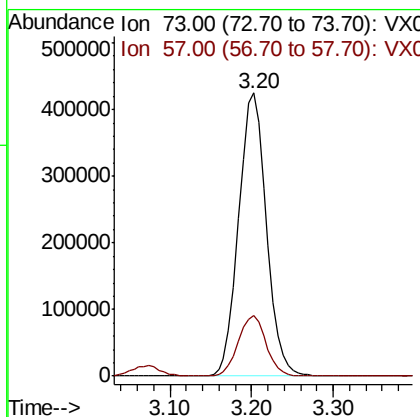
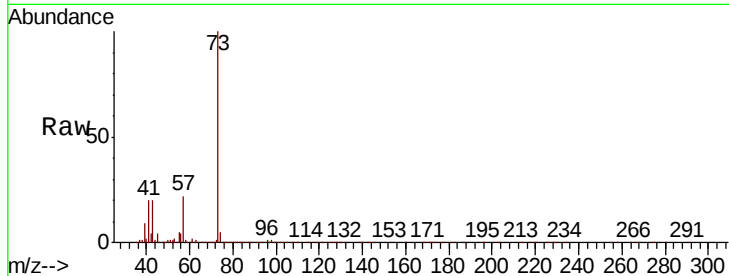
#19
Methvl tert-butvl Ether
Concen: 47.507 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 1001345
Ion Ratio Lower Upper
73 100
57 21.6 16.8 25.2

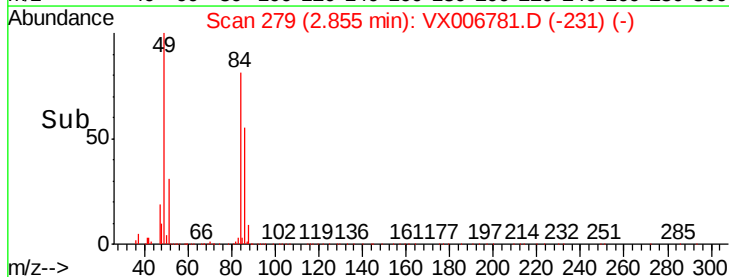
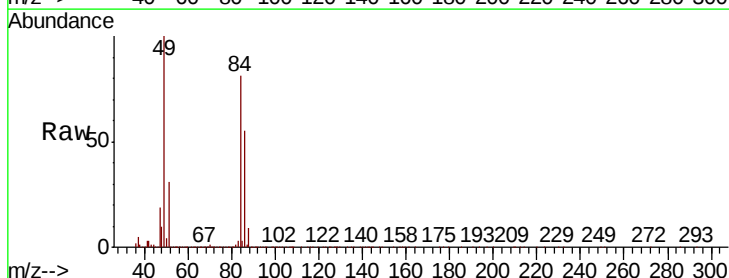
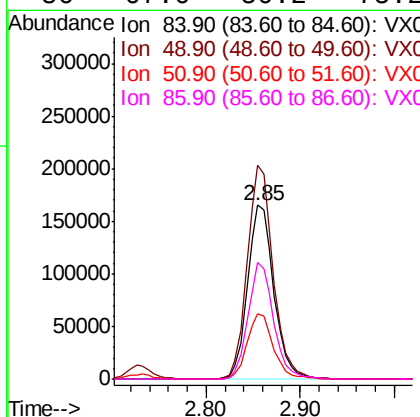
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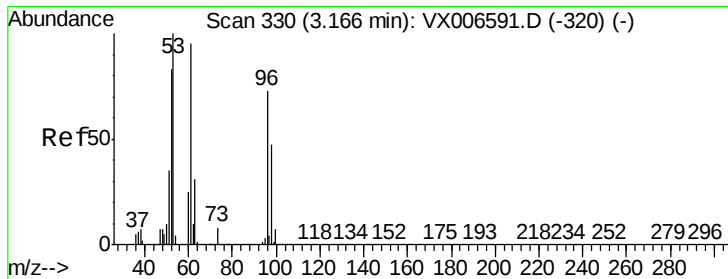
MMDadoda
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#20
Methylene Chloride
Concen: 44.495 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion: 84 Resp: 323815
Ion Ratio Lower Upper
84 100
49 122.7 91.8 137.6
51 37.4 28.5 42.7
86 67.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.285 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

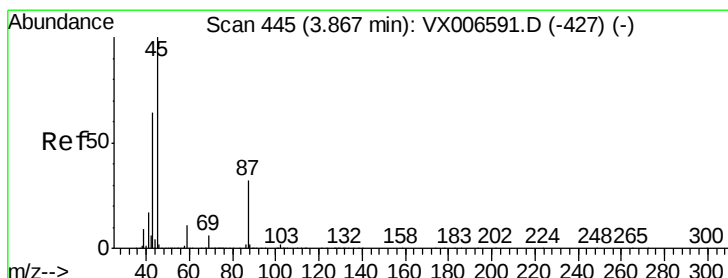
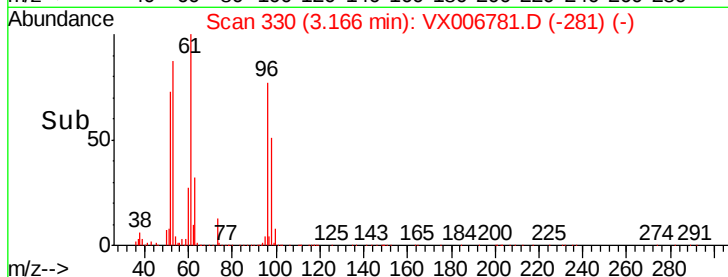
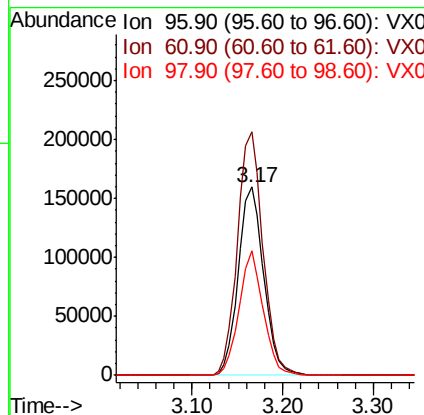
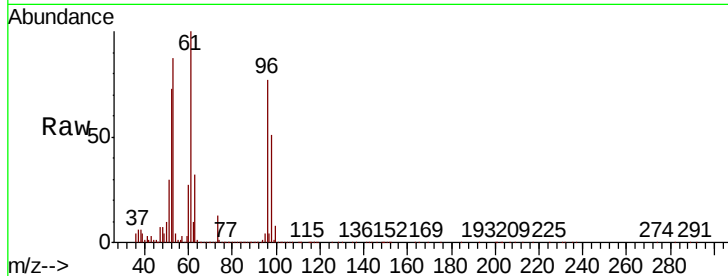
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	311613
Ion	Ratio	Lower	Upper
96	100		
61	129.2	103.7	155.5
98	66.0	51.0	76.6

Manual Integrations
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#22

Diisopropyl ether

Concen: 50.908 ug/l

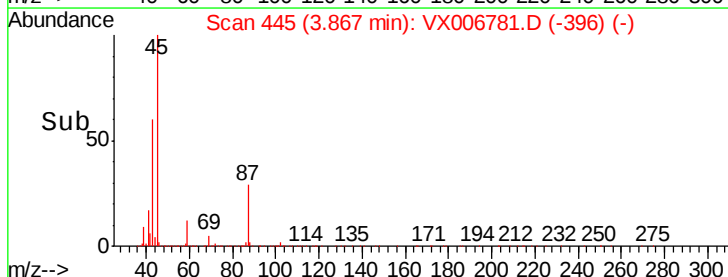
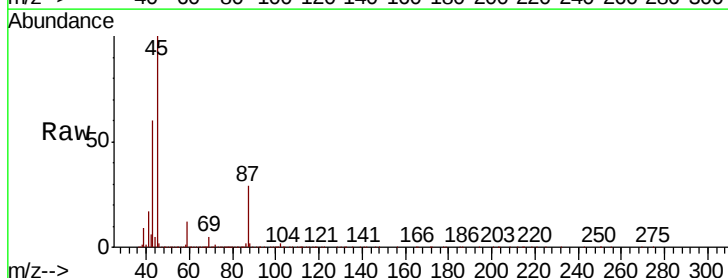
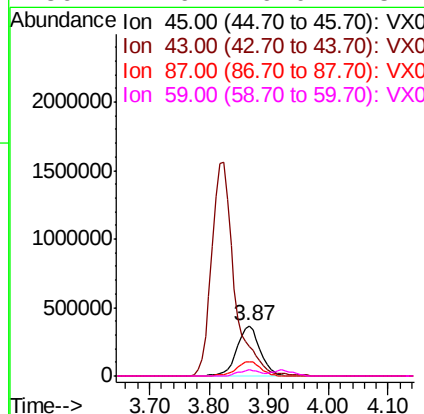
RT: 3.87 min Scan# 445

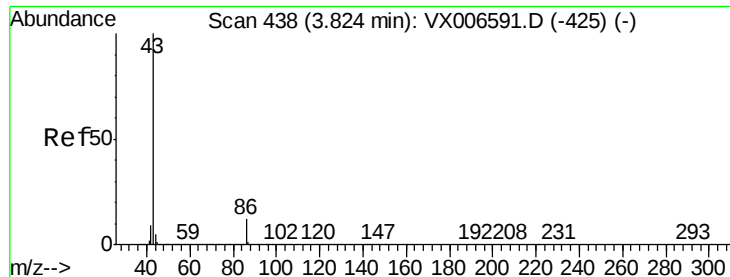
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	45	Resp:	995555
Ion	Ratio	Lower	Upper
45	100		
43	59.6	51.2	76.8
87	29.0	25.8	38.6
59	11.6	9.0	13.4





#23

Vinyl Acetate

Concen: 256.461 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 4102393

Ion Ratio Lower Upper

43 100

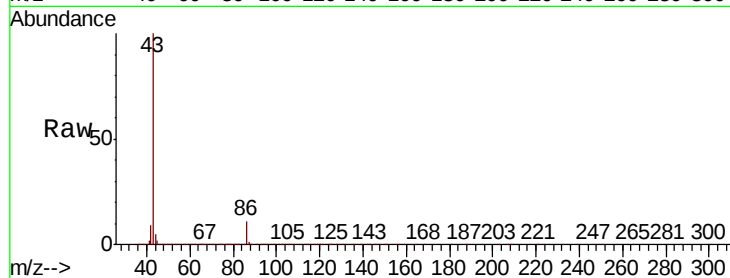
86 11.0 9.2 13.8

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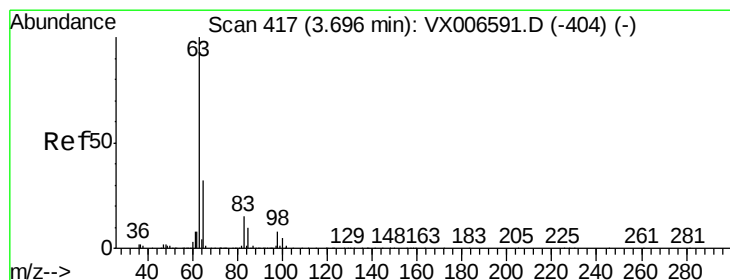
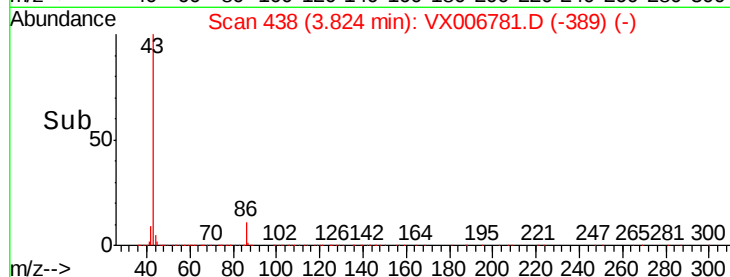
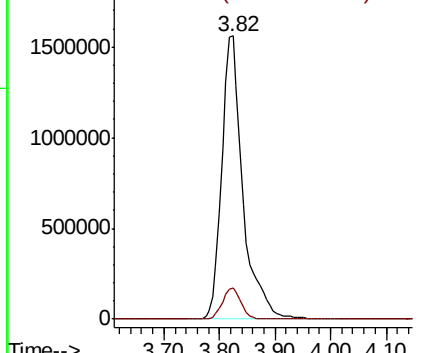
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 47.241 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

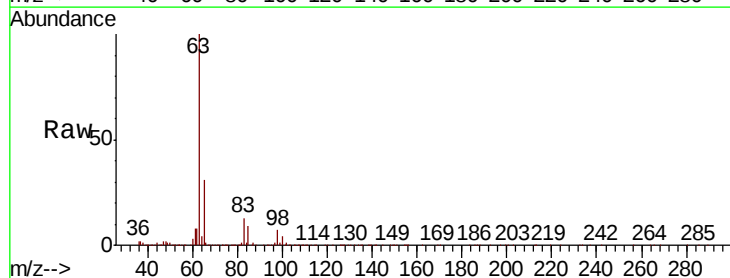
Tgt Ion: 63 Resp: 551489

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

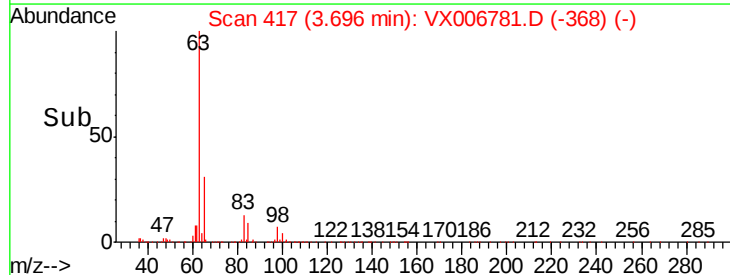
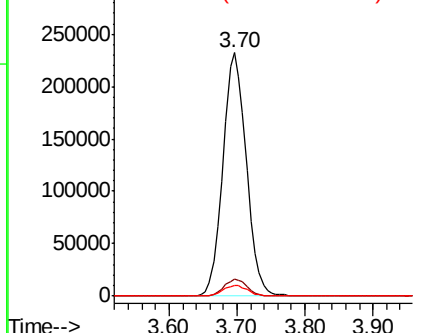
100 4.3 2.4 7.2

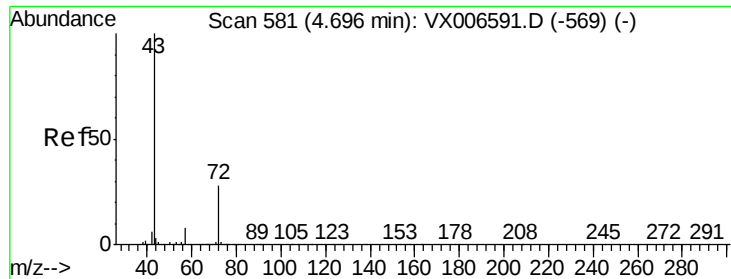


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 251.602 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1245571

Ion Ratio Lower Upper

43 100

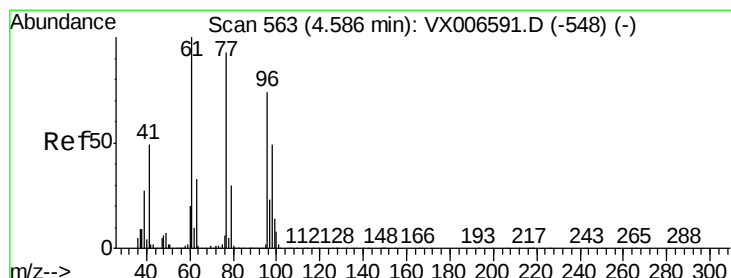
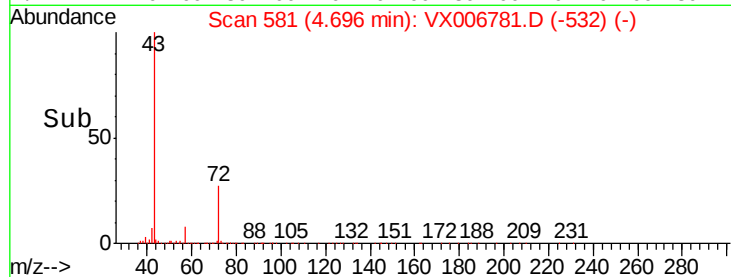
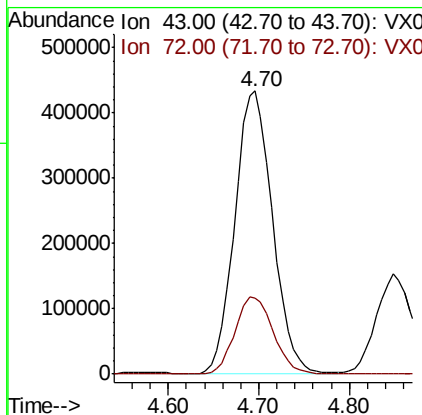
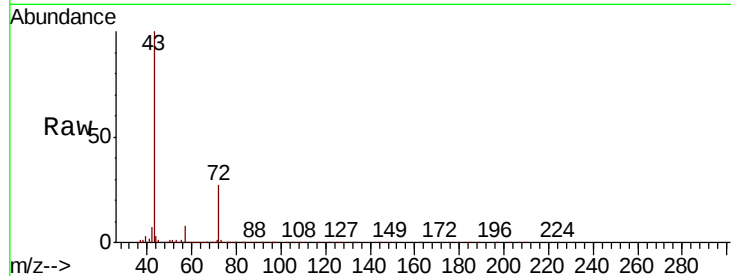
72 26.9 22.4 33.6

Manual Integrations

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#26

2,2-Dichloropropane

Concen: 48.918 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006781.D

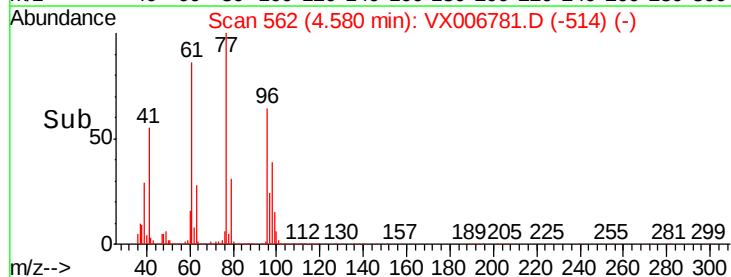
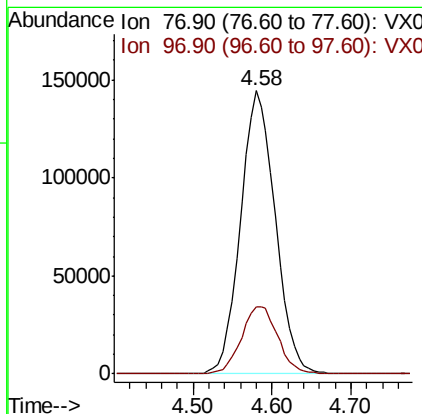
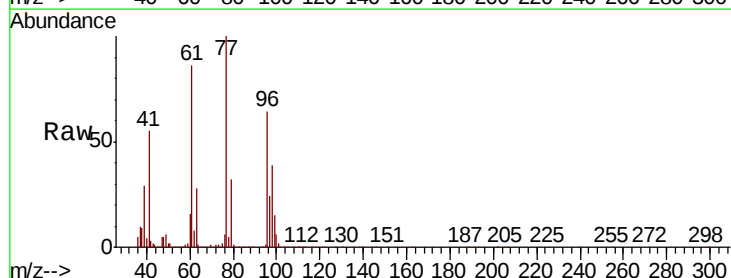
Acq: 24 Dec 2018 09:00

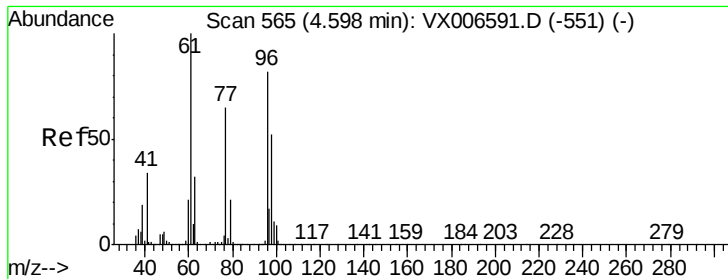
Tgt Ion: 77 Resp: 441126

Ion Ratio Lower Upper

77 100

97 25.0 12.4 37.4





#27

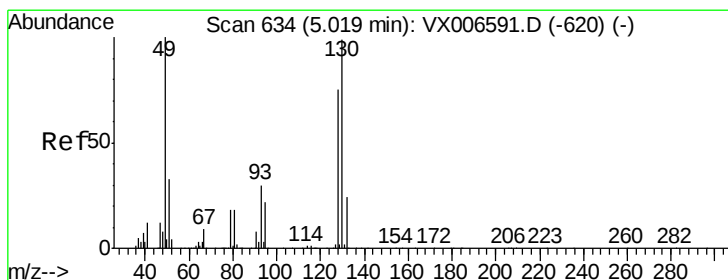
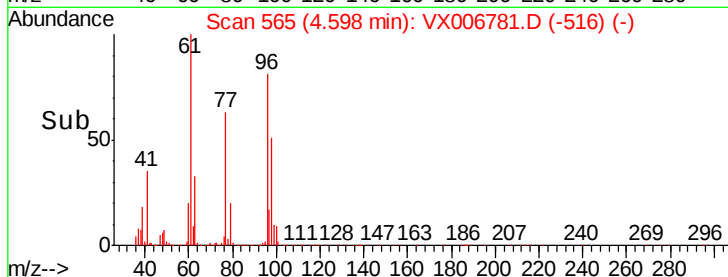
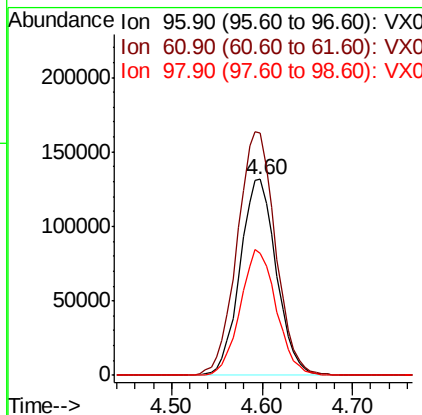
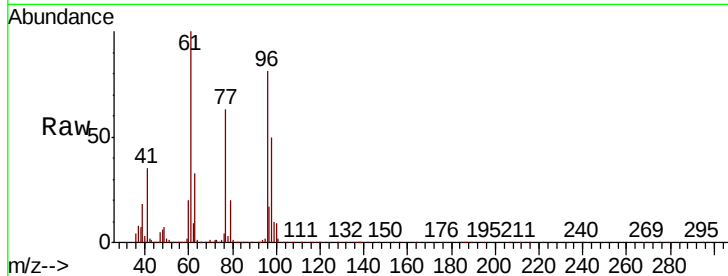
cis-1,2-Dichloroethene
Concen: 46.837 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.2	0.0	258.6
98	64.2	0.0	132.0

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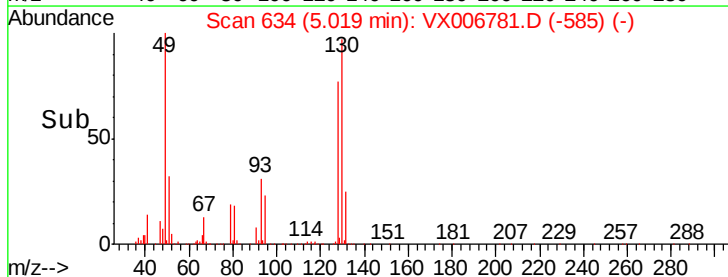
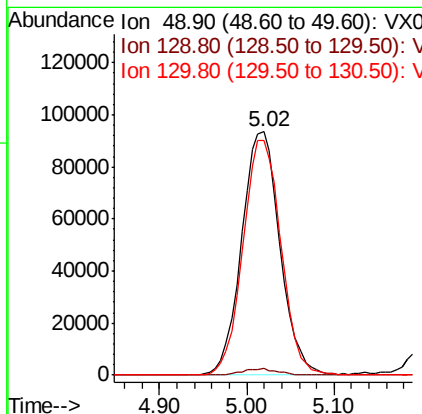
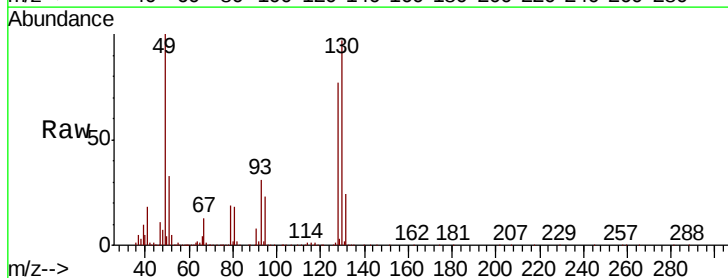
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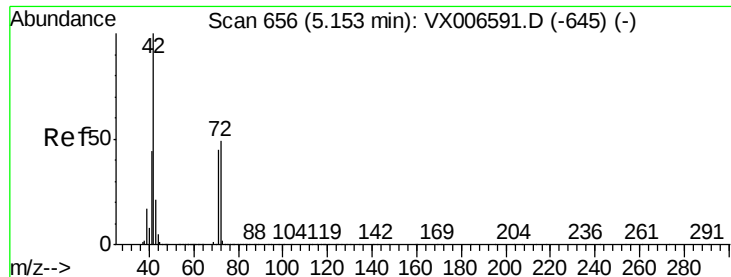


#28

Bromochloromethane
Concen: 58.110 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	96.0	77.7	116.5





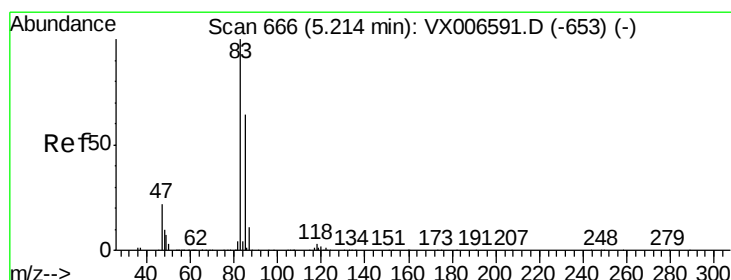
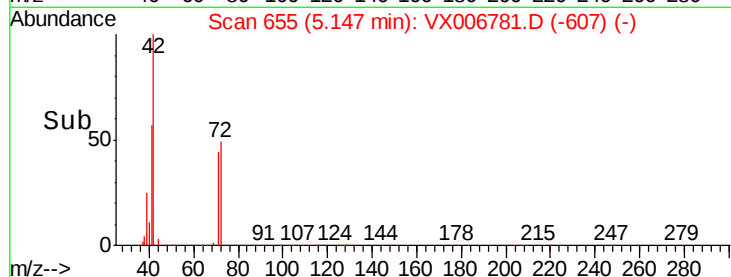
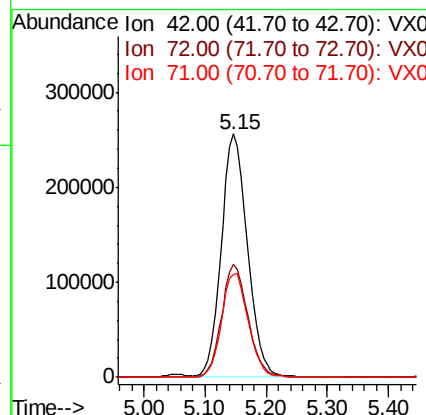
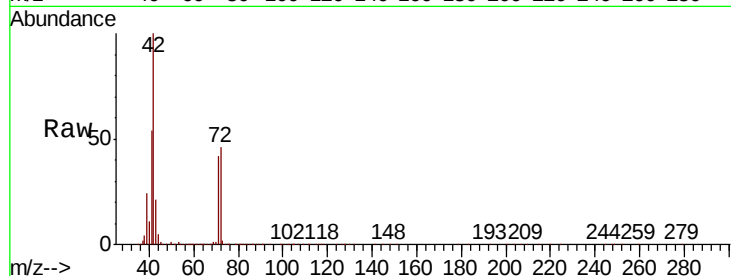
#29
Tetrahydrofuran
Concen: 233.280 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	47.0	38.9	58.3
71	43.8	36.2	54.4

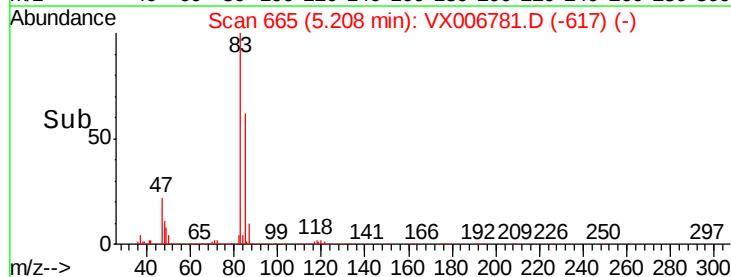
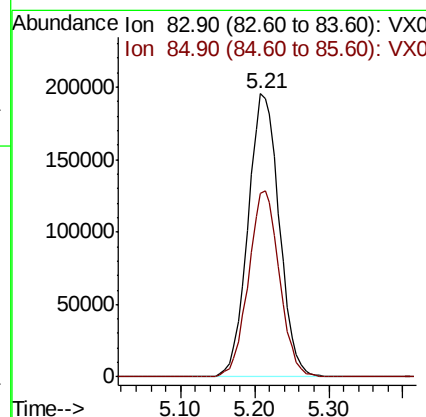
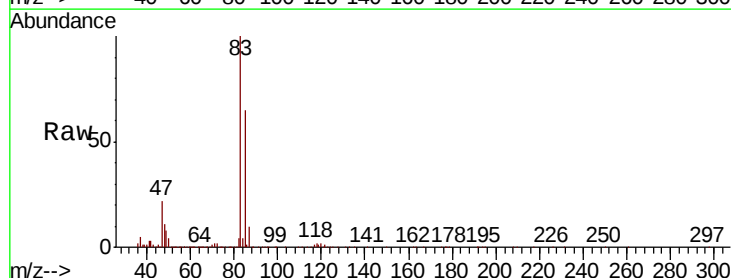
Manual Integrations
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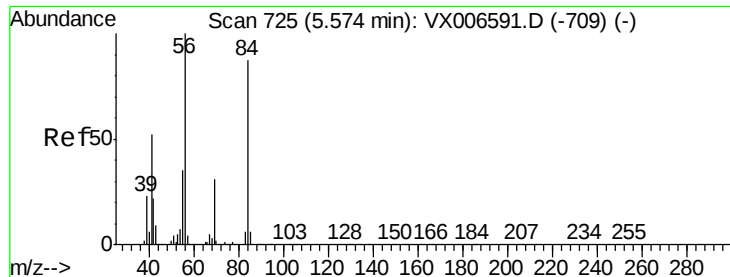
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#30
Chloroform
Concen: 47.641 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.8	51.2	76.8





#31

Cyclohexane

Concen: 46.220 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

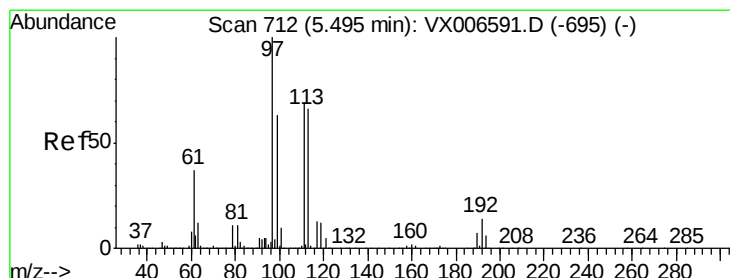
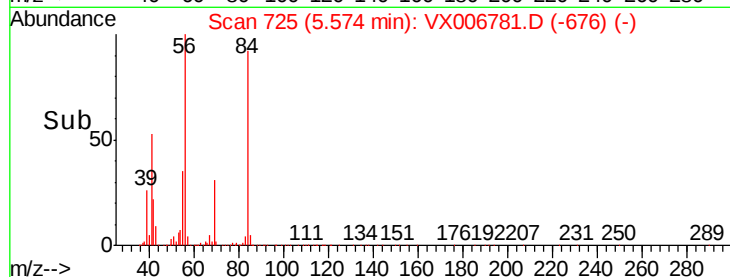
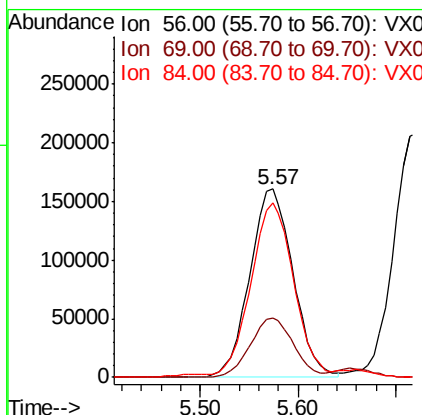
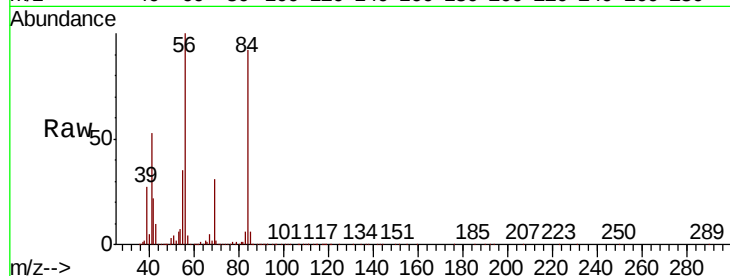
ClientSampleId :

VSTDCCC050

Tot Ion:	56	Resp:	490188
Ion	Ratio	Lower	Upper
56	100		
69	31.3	24.4	36.6
84	90.7	70.0	105.0

Manual Integrations
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#32

1,1,1-Trichloroethane

Concen: 48.724 ug/l

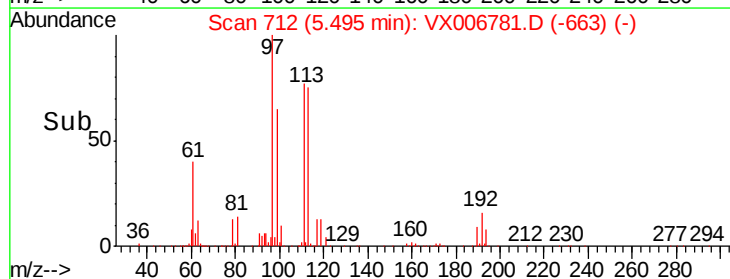
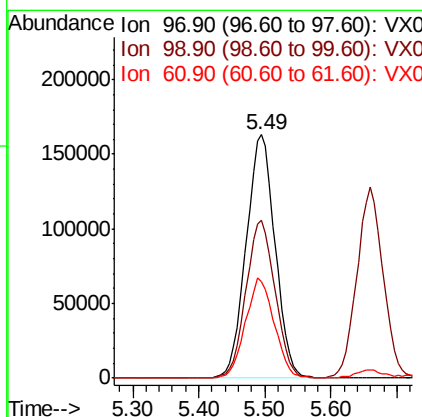
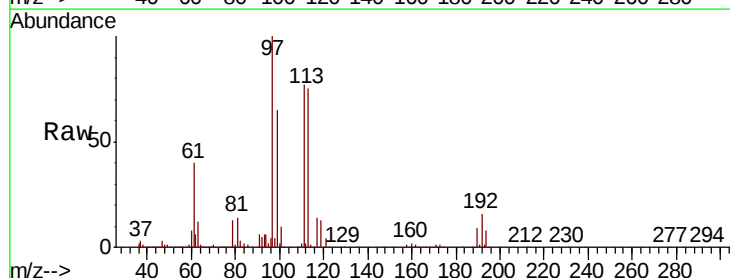
RT: 5.49 min Scan# 712

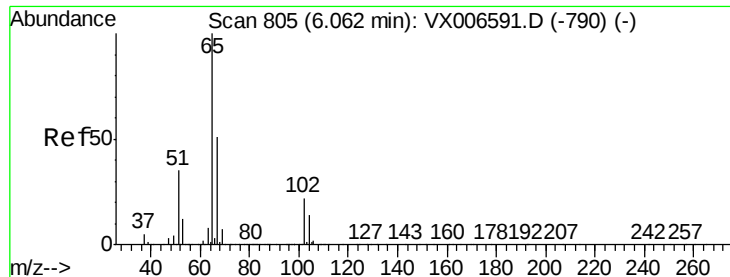
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	97	Resp:	497361
Ion	Ratio	Lower	Upper
97	100		
99	65.0	51.7	77.5
61	40.8	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 50.983 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 390557

Ion Ratio Lower Upper

65 100

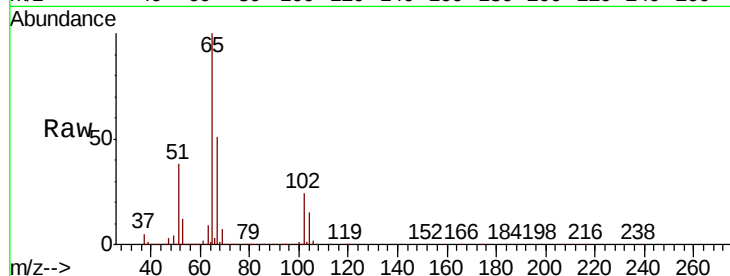
67 53.8 0.0 105.0

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Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

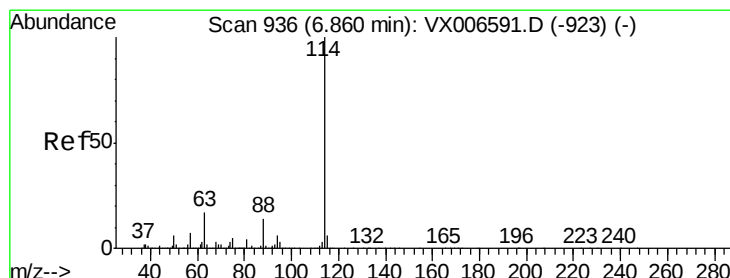
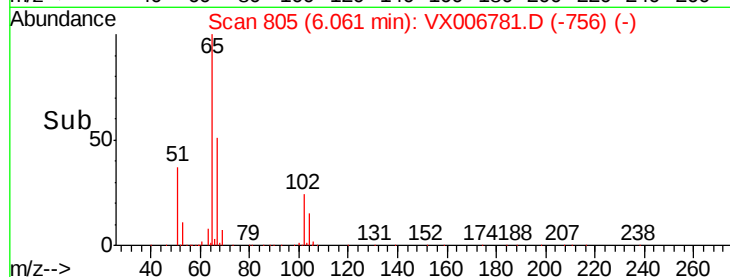
150000

100000

50000

0

Time--> 5.90 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: VX006781.D

Acq: 24 Dec 2018 09:00

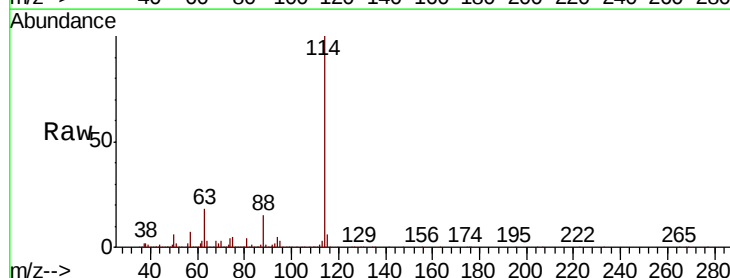
Tgt Ion: 114 Resp: 1030981

Ion Ratio Lower Upper

114 100

63 17.6 0.0 34.8

88 14.8 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

600000

500000

400000

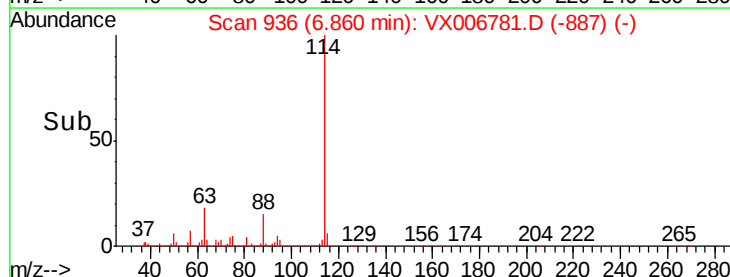
300000

200000

100000

0

Time--> 6.80 6.90





#35

Dibromofluoromethane

Concen: 55.802 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

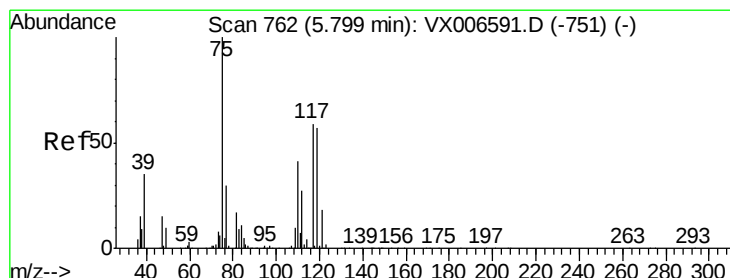
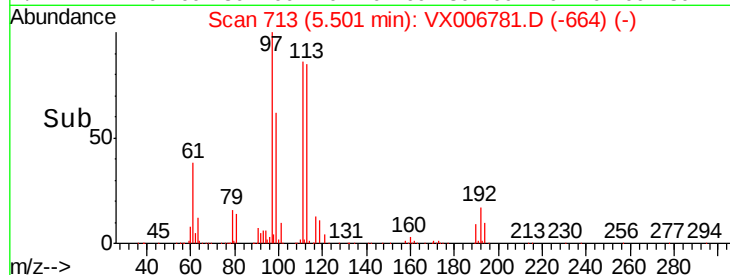
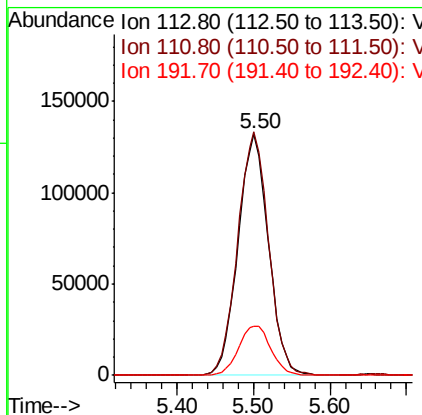
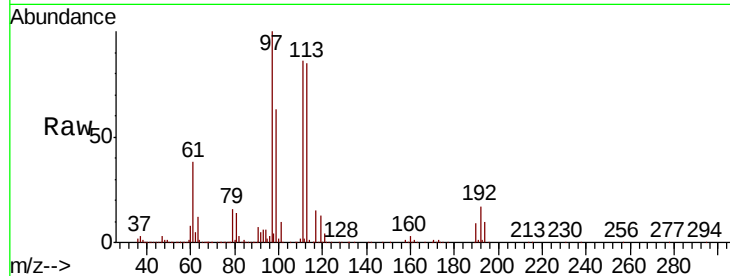
ClientSampleId :

VSTDCCC050

Tot Ion:	113	Resp:	363813
Ion Ratio	Lower	Upper	
113	100		
111	102.8	81.6	122.4
192	21.8	16.7	25.1

Manual Integrations
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#36

1,1-Dichloropropene

Concen: 49.356 ug/l

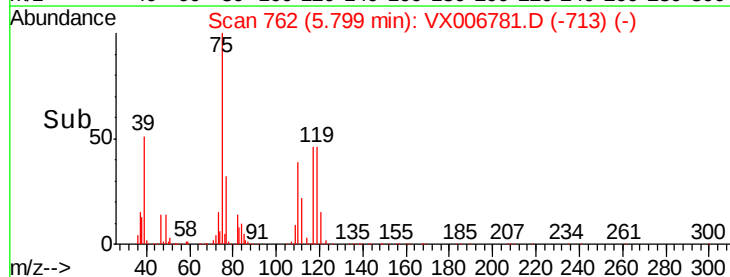
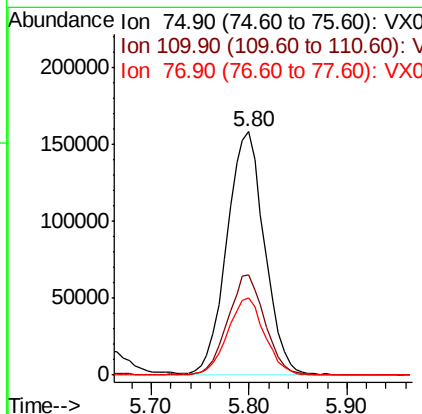
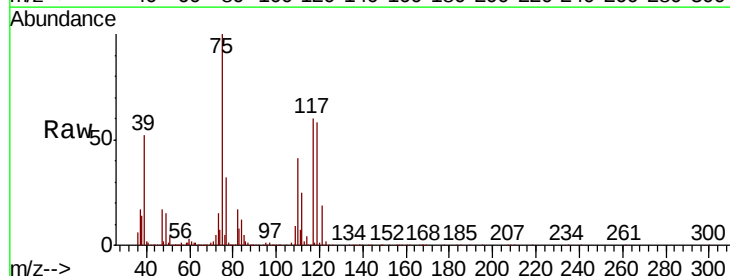
RT: 5.80 min Scan# 762

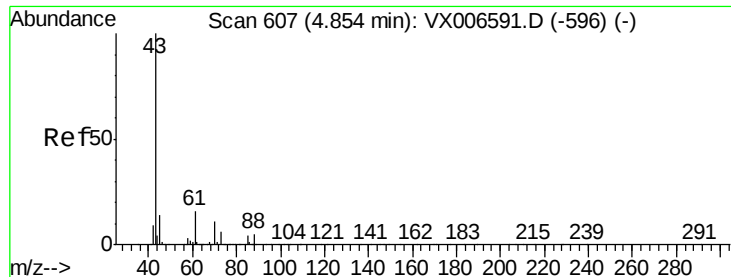
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	75	Resp:	421442
Ion Ratio	Lower	Upper	
75	100		
110	40.7	20.2	60.5
77	30.9	24.8	37.2





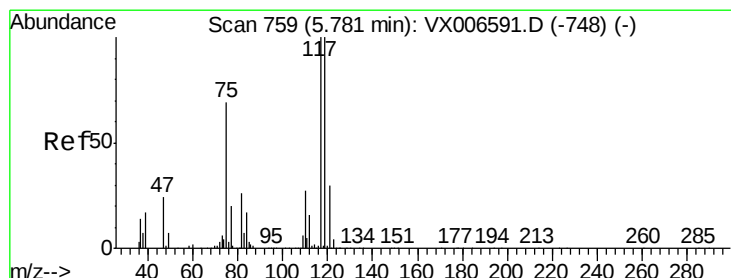
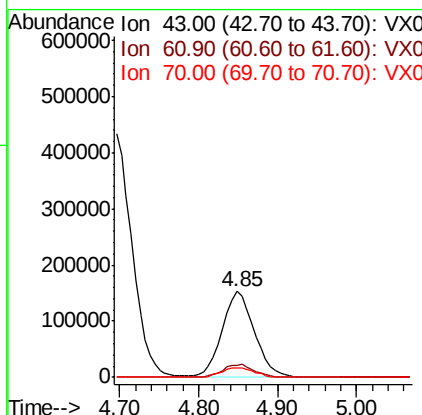
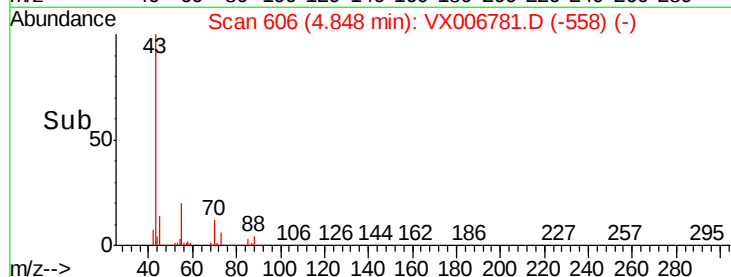
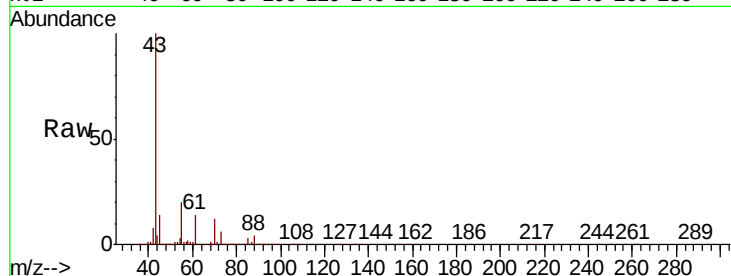
#37
Ethyl Acetate
Concen: 49.136 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

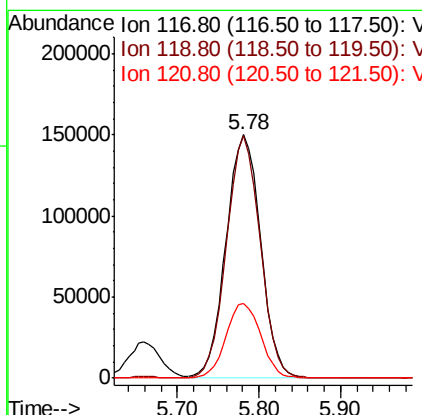
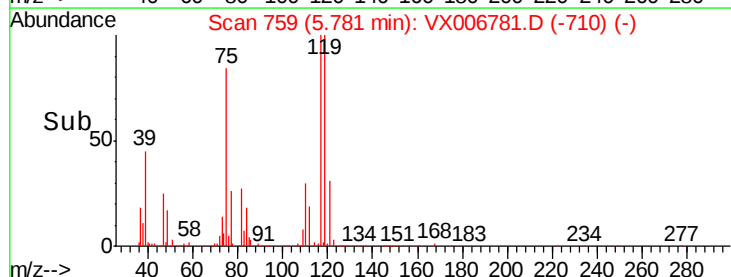
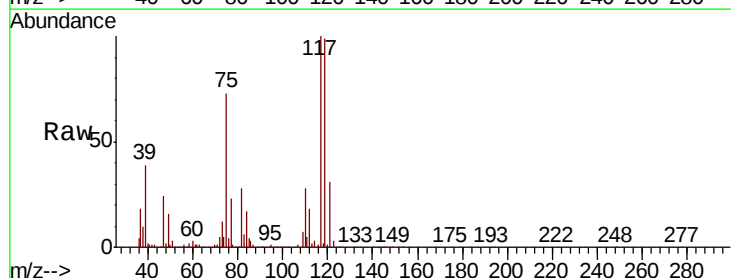
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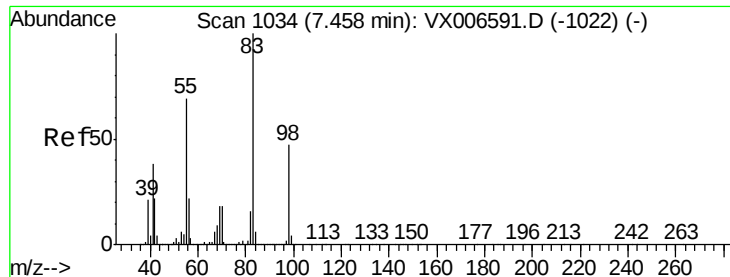
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#38
Carbon Tetrachloride
Concen: 52.962 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
117	100		
119	99.2	79.4	119.2
121	30.9	24.0	36.0





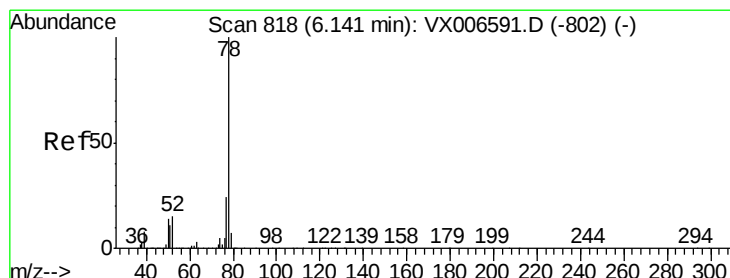
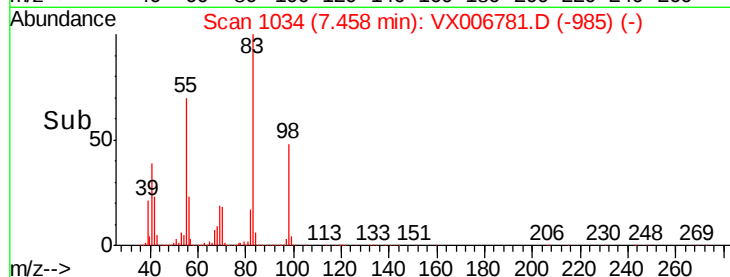
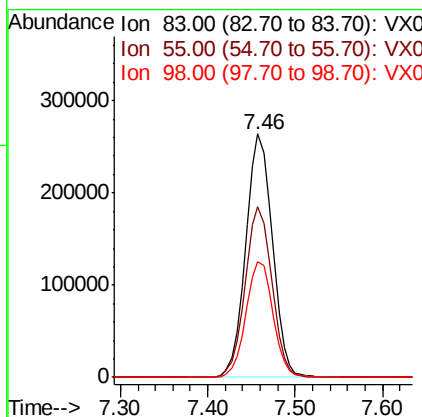
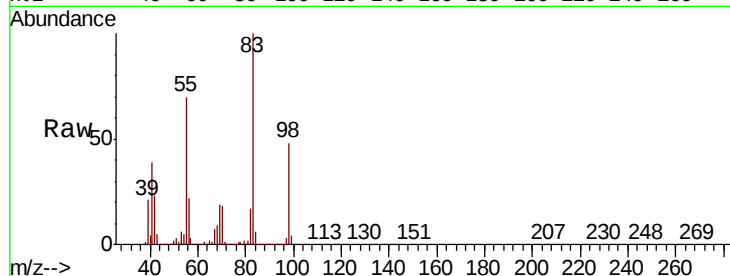
#39
Methylvlcvclohexane
Concen: 49.691 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	70.3	54.9	82.3
98	47.6	37.9	56.9

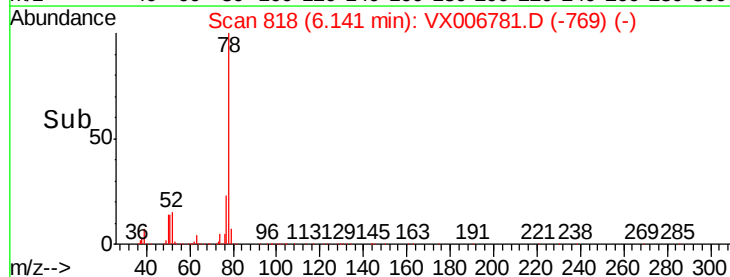
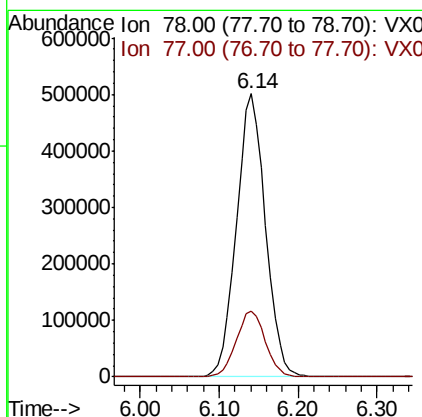
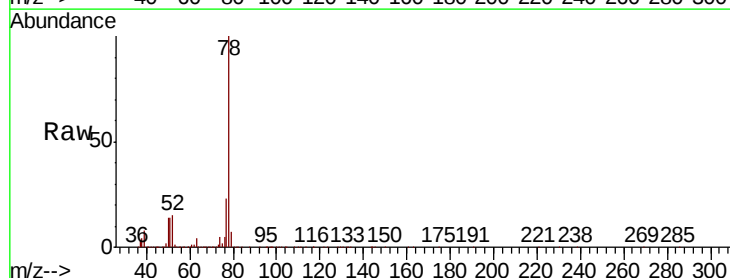
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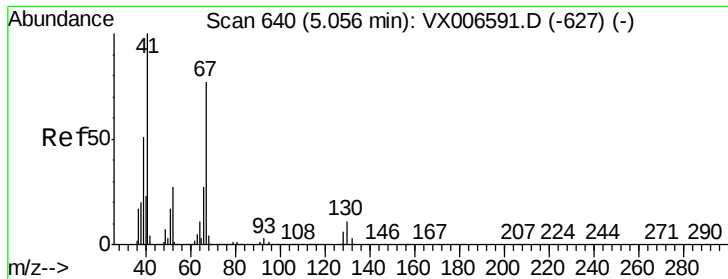
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#40
Benzene
Concen: 49.234 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.2	28.8





#41

Methacrylonitrile

Concen: 51.676 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

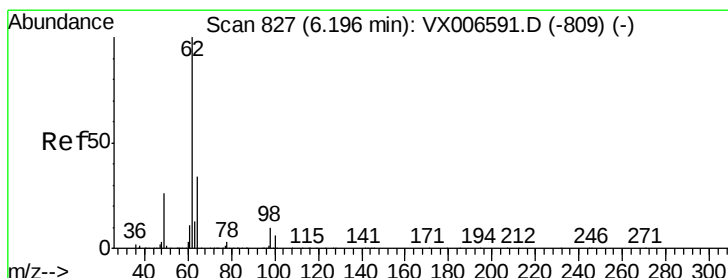
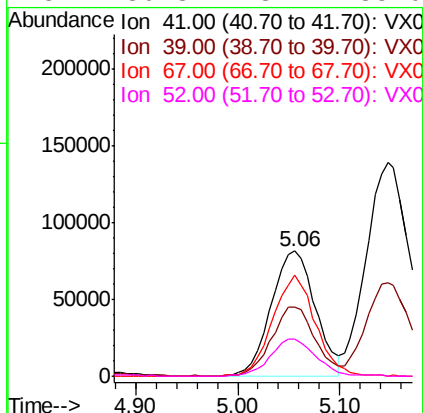
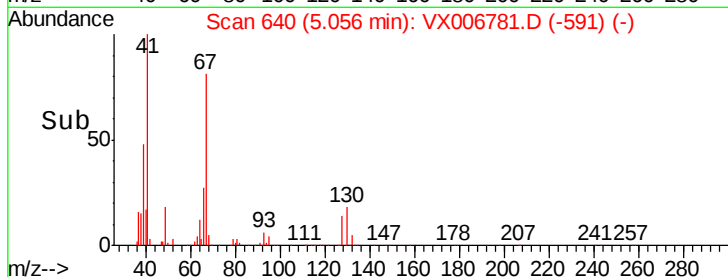
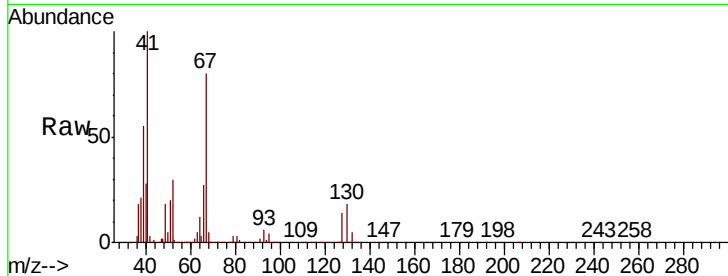
ClientSampleId :

VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
41	100		243836		
39	55.3	42.8	64.2		
67	77.8	62.1	93.1		
52	30.3	23.4	35.0		

Manual Integrations
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#42

1,2-Dichloroethane

Concen: 48.600 ug/l

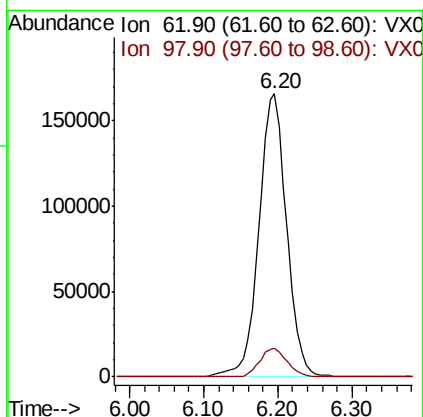
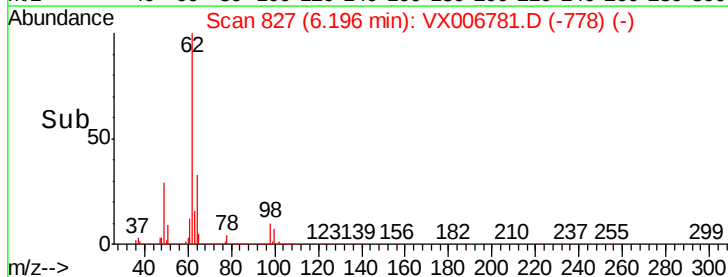
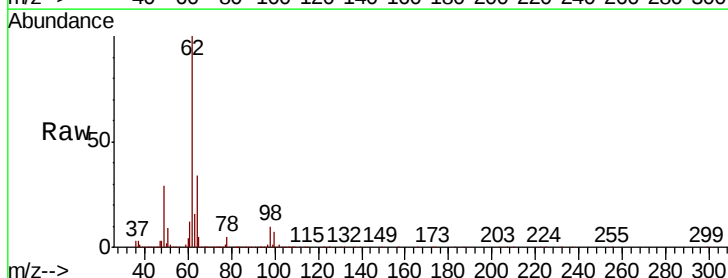
RT: 6.20 min Scan# 827

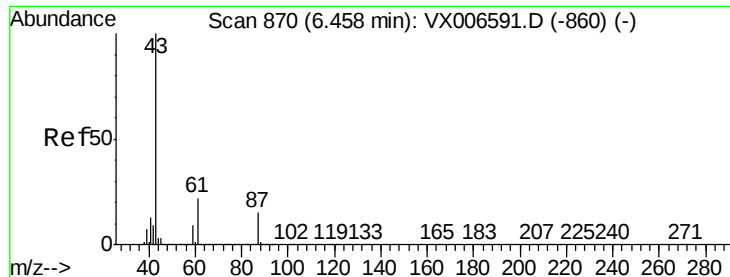
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
62	100		429843		
98	10.1	0.0	20.2		





#43

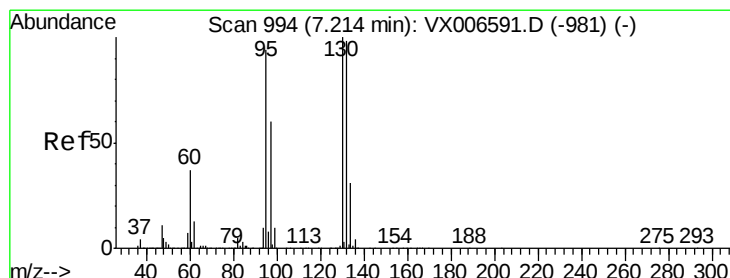
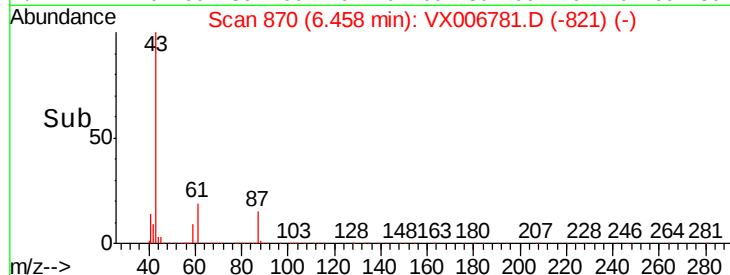
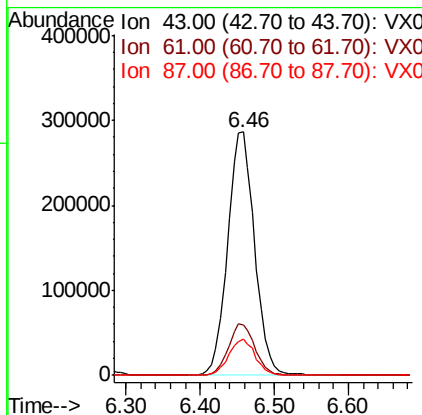
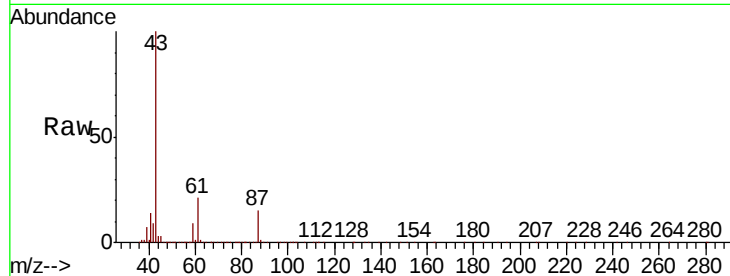
Isopropyl Acetate
 Concen: 53.307 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.9	16.8	25.2
87	14.8	12.4	18.6

Manual Integrations
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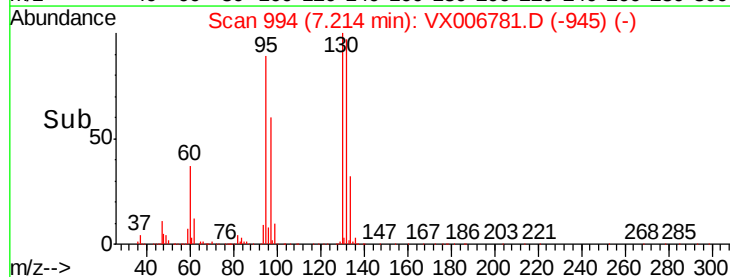
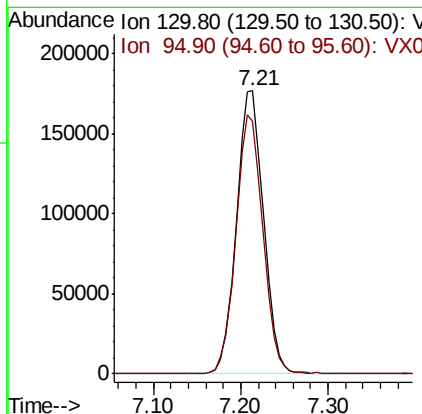
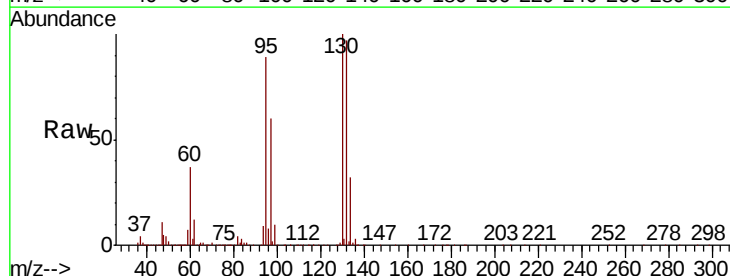
MMDadoda
 12/26/2018 9:57:06 AM

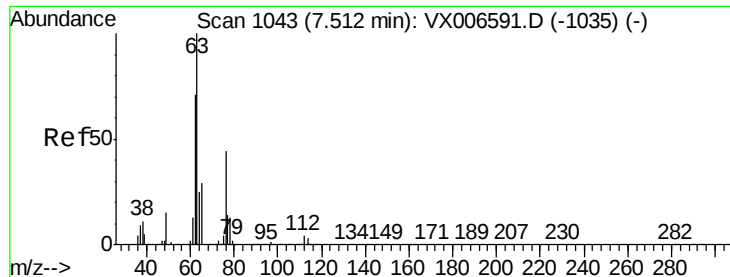


#44

Trichloroethene
 Concen: 48.604 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
130	100		
95	89.1	0.0	187.0





#45

1,2-Dichloropropane

Concen: 50.942 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 321759

Ion Ratio Lower Upper

63 100

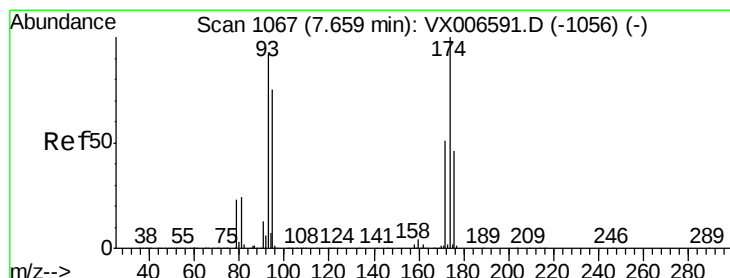
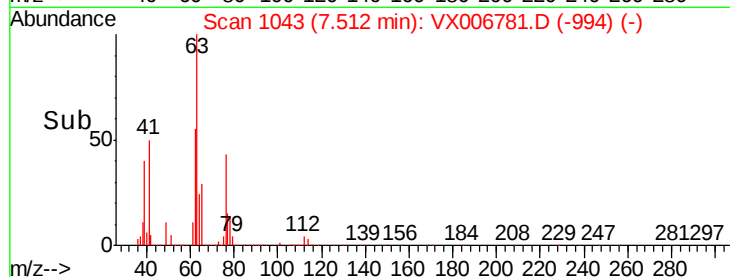
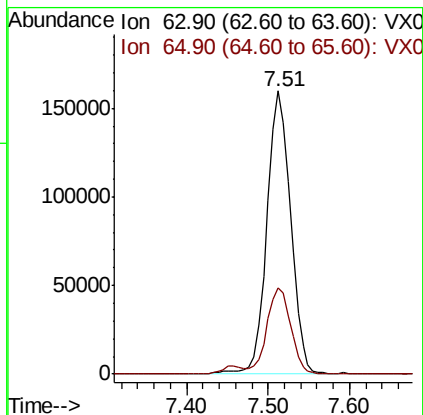
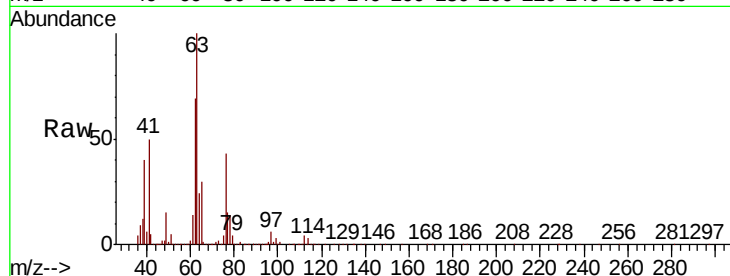
65 30.3 25.4 38.0

Manual Integrations

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#46

Dibromomethane

Concen: 49.512 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

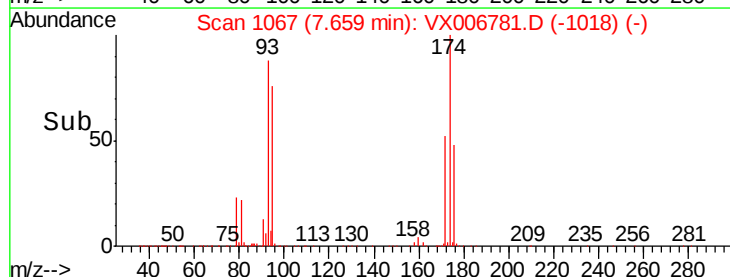
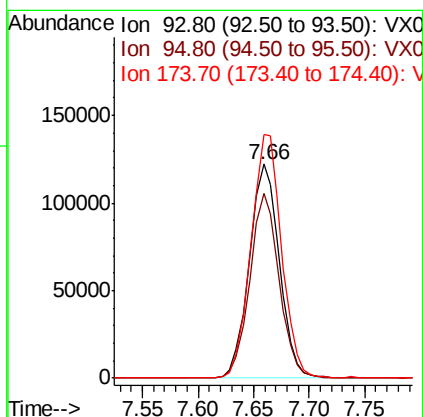
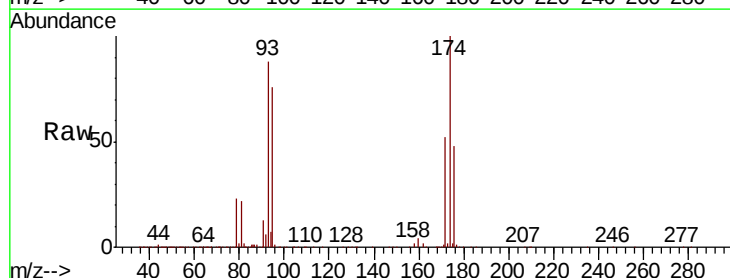
Tgt Ion: 93 Resp: 230028

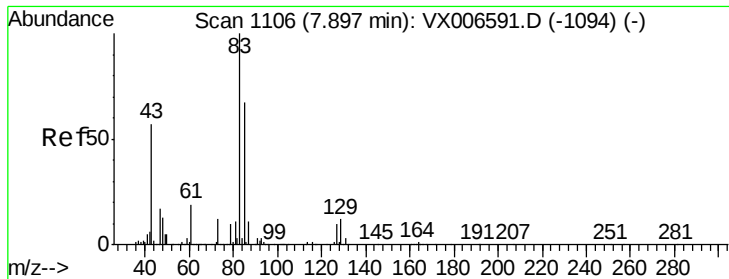
Ion Ratio Lower Upper

93 100

95 84.4 66.2 99.4

174 116.0 91.0 136.4





#47

Bromodichloromethane

Concen: 54.189 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

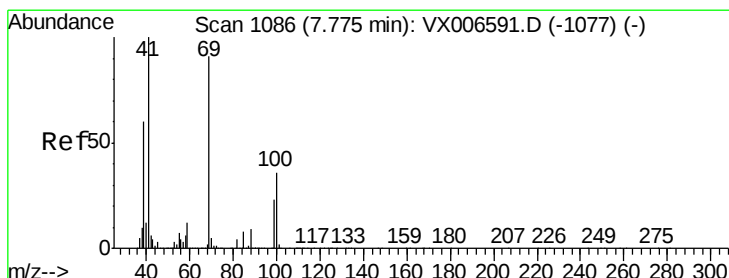
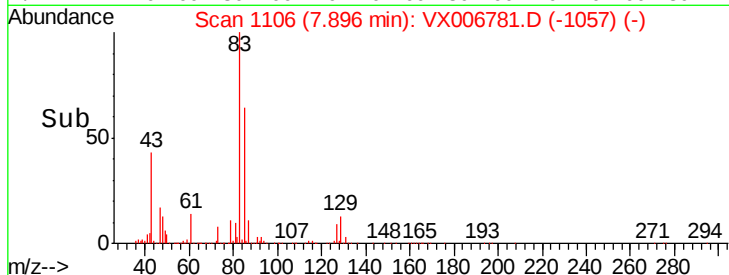
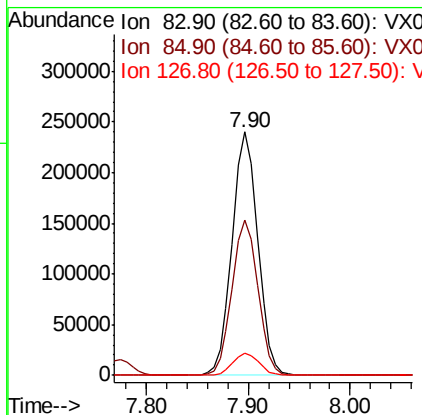
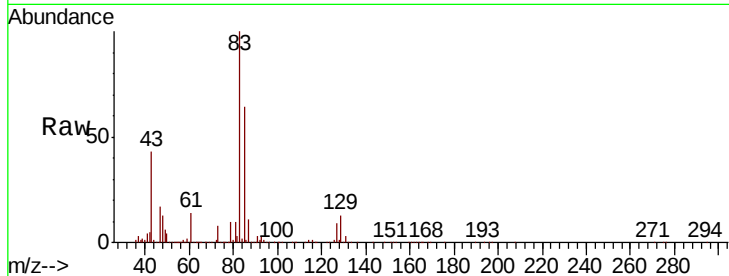
ClientSampleId :

VSTDCCC050

Tot Ion:	83	Resp:	417977
Ion	Ratio	Lower	Upper
83	100		
85	63.5	53.2	79.8
127	9.2	7.8	11.6

Manual Integrations
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#48

Methyl methacrylate

Concen: 54.235 ug/l

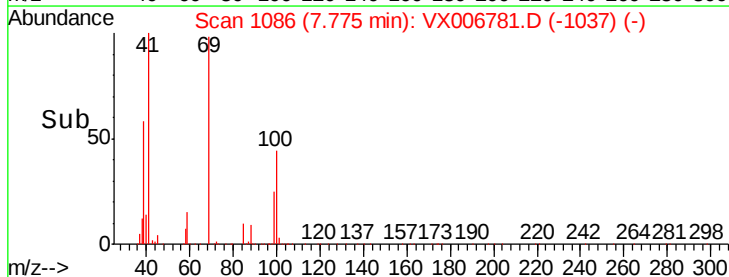
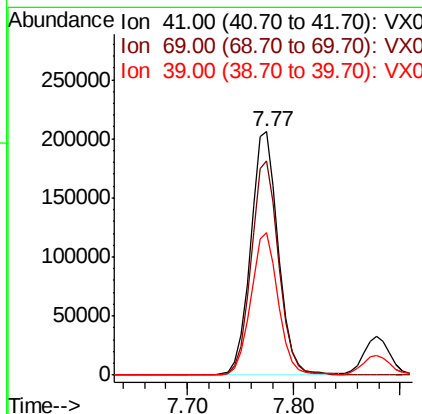
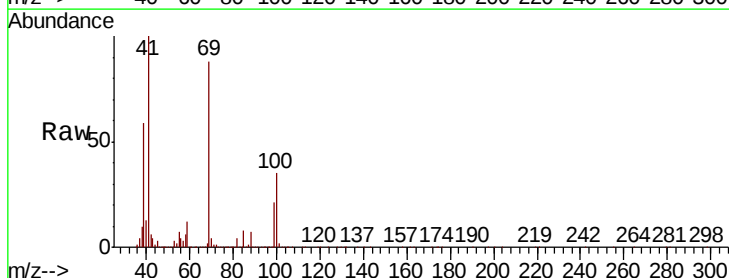
RT: 7.77 min Scan# 1086

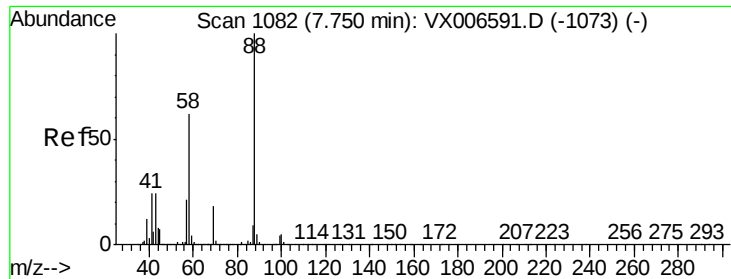
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	41	Resp:	372959
Ion	Ratio	Lower	Upper
41	100		
69	88.1	72.4	108.6
39	57.6	45.8	68.8





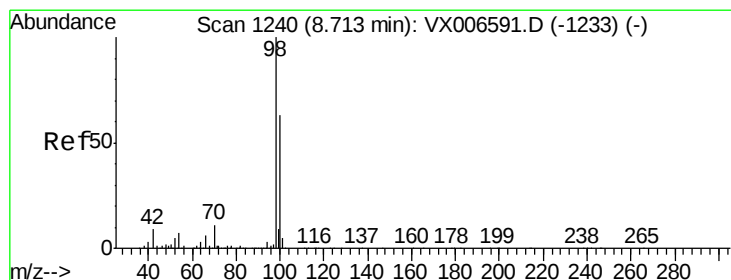
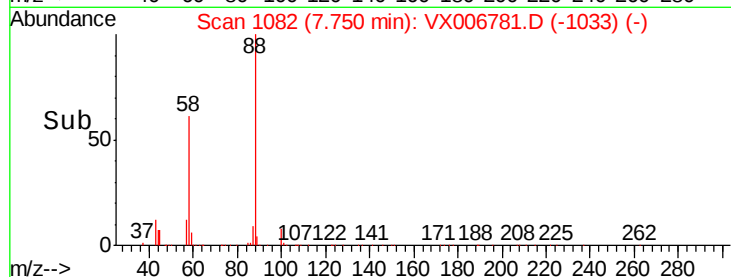
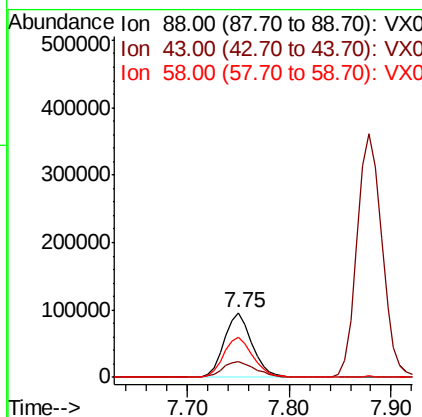
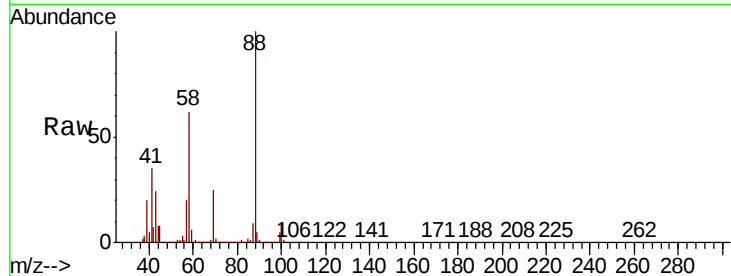
#49
1,4-Dioxane
Concen: 1006.941 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. 0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.0	22.2	33.4
58	64.5	51.0	76.4

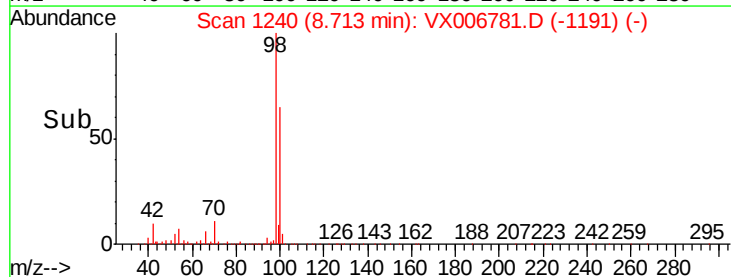
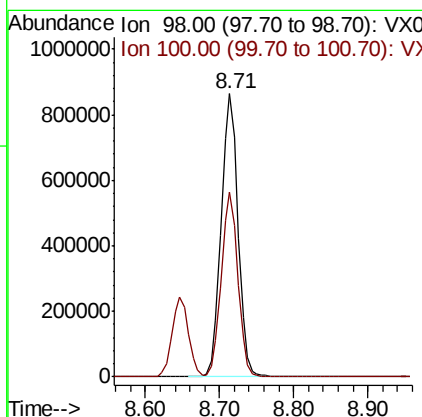
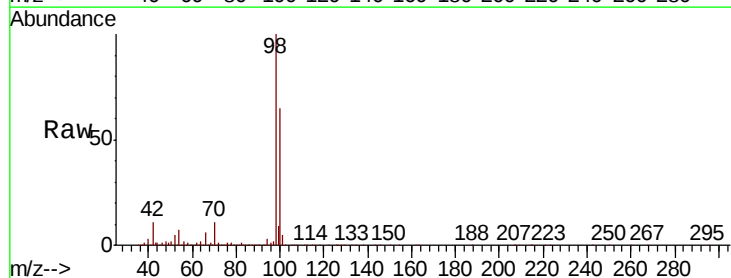
Manual Integrations
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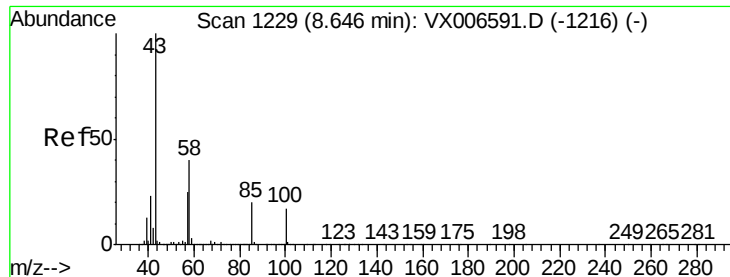
MMDadoda
12/26/2018 9:57:06 AM



#50
Toluene-d8
Concen: 55.076 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.0	78.0





#51

4-Methyl-2-Pentanone

Concen: 268.170 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 2307347

Ion Ratio Lower Upper

43 100

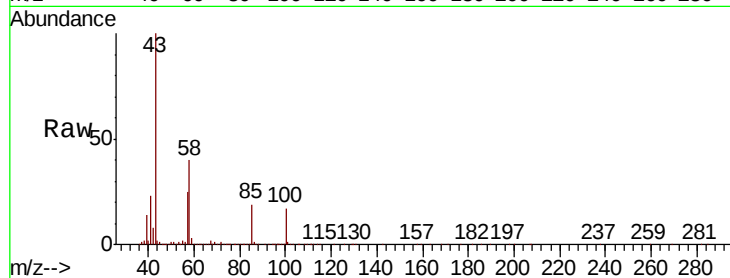
58 39.0 31.8 47.6

Manual Integrations

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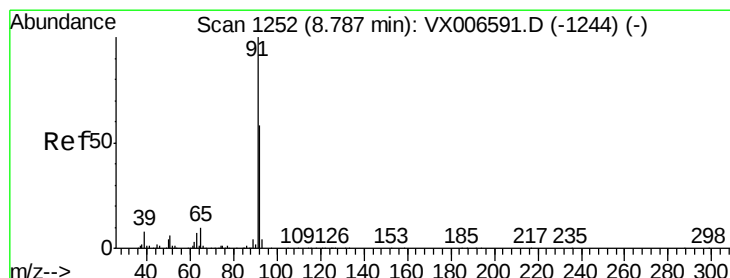
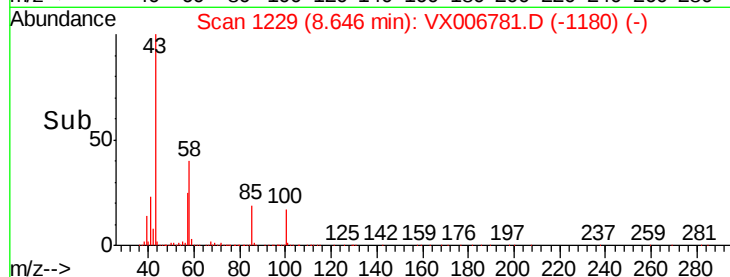
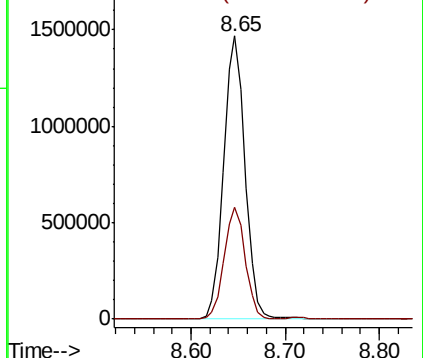
MMDadoda

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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.194 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006781.D

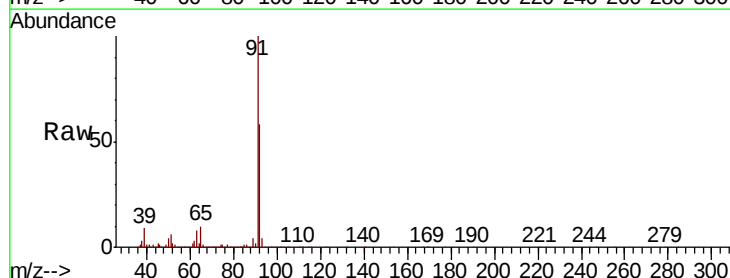
Acq: 24 Dec 2018 09:00

Tgt Ion: 92 Resp: 841677

Ion Ratio Lower Upper

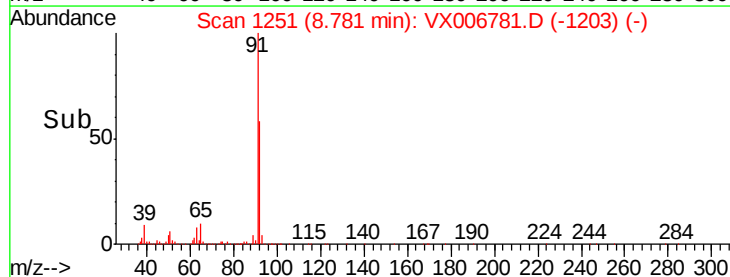
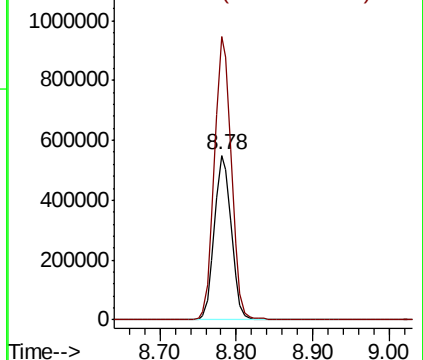
92 100

91 173.2 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 57.008 ug/l

RT: 9.04 min Scan# 1293

Delta R.T. -0.01 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 471593

Ion Ratio Lower Upper

75 100

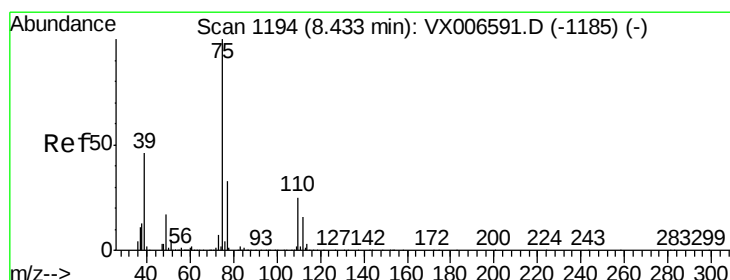
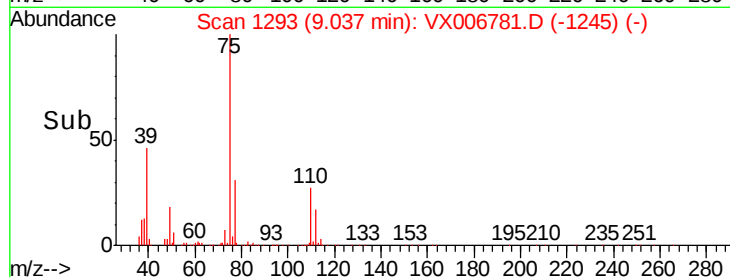
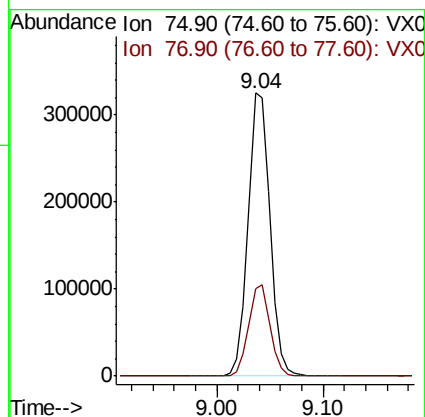
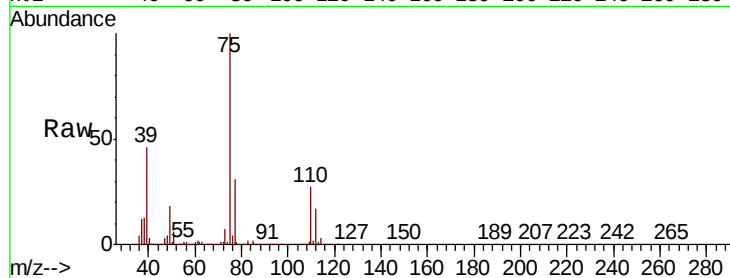
77 31.1 25.4 38.0

Manual Integrations

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#54

cis-1,3-Dichloropropene

Concen: 56.781 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

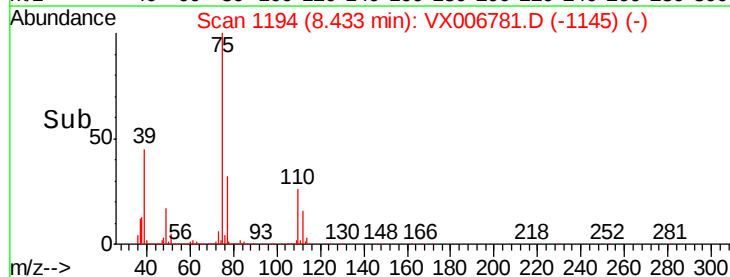
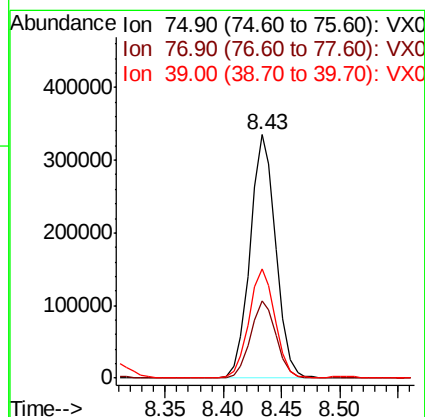
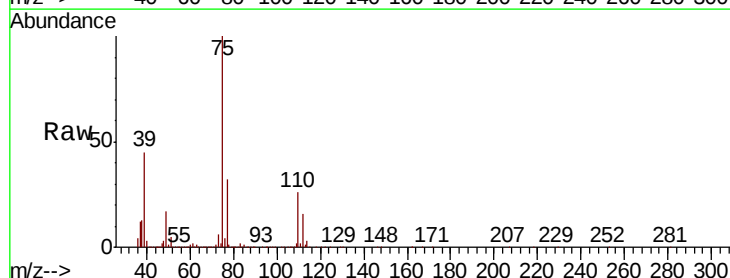
Tgt Ion: 75 Resp: 515394

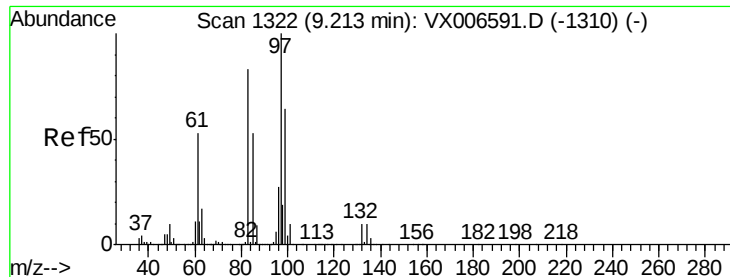
Ion Ratio Lower Upper

75 100

77 31.6 26.2 39.2

39 44.8 36.7 55.1





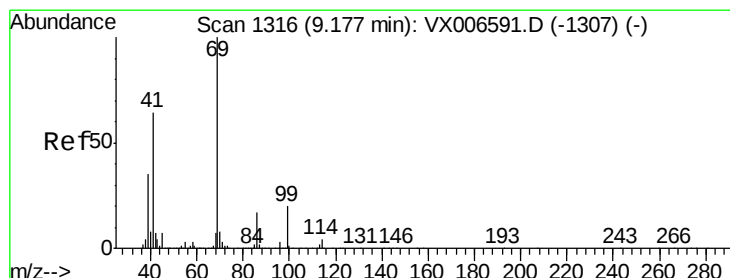
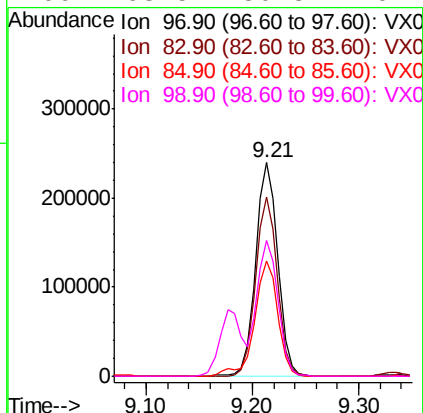
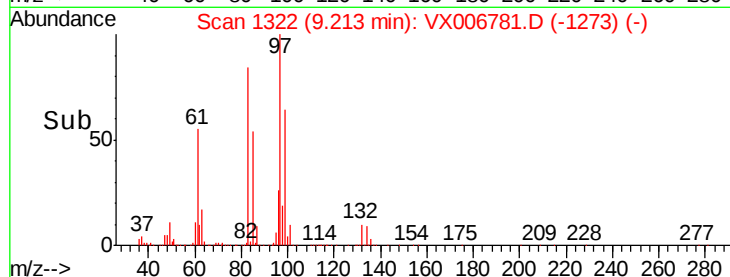
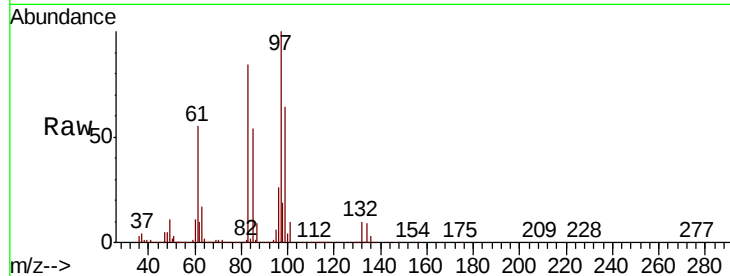
#55
 1,1,2-Trichloroethane
 Concen: 51.179 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		351272		
83	83.9	66.6	99.8		
85	54.0	42.7	64.1		
99	63.5	50.8	76.2		

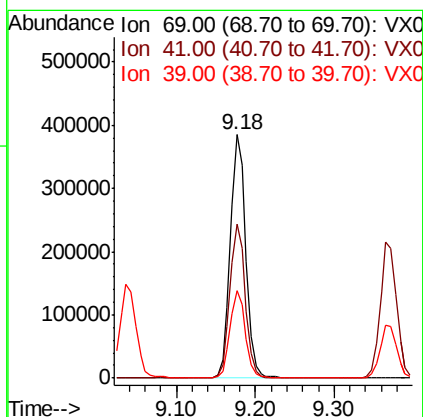
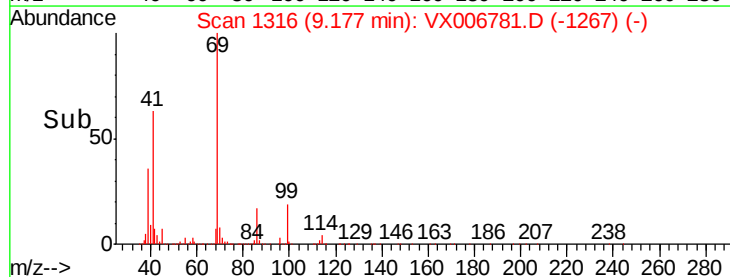
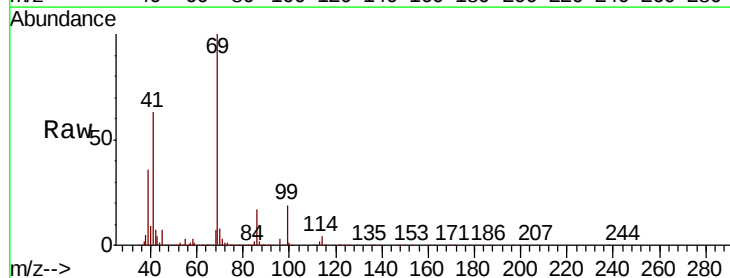
Manual Integrations
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#56
 Ethyl methacrylate
 Concen: 53.995 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		523796		
41	62.7	48.7	73.1		
39	35.6	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 50.590 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 558653

Ion Ratio Lower Upper

76 100

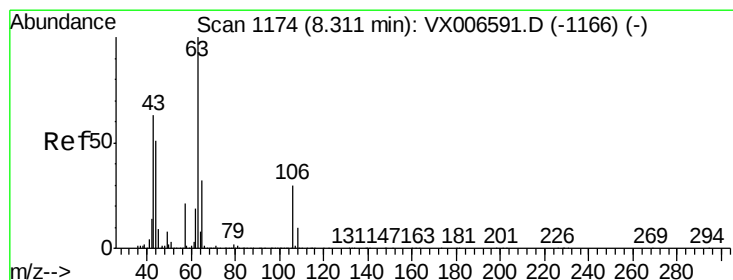
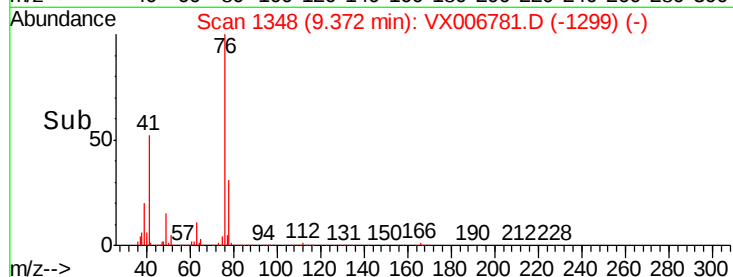
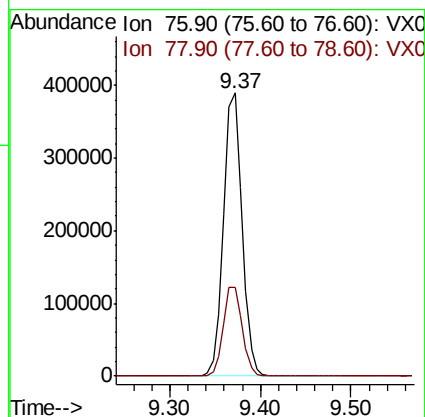
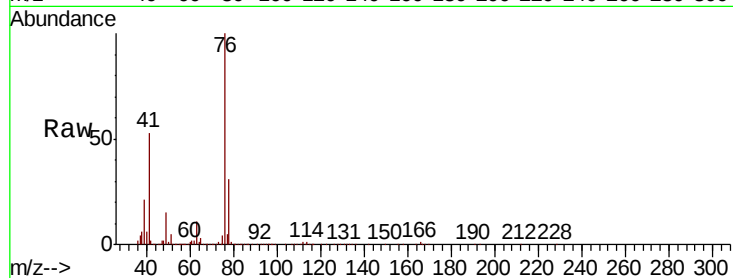
78 32.1 26.0 39.0

Manual Integrations

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12/26/2018 9:57:06 AM



#58

2-Chloroethyl Vinyl ether

Concen: 270.059 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006781.D

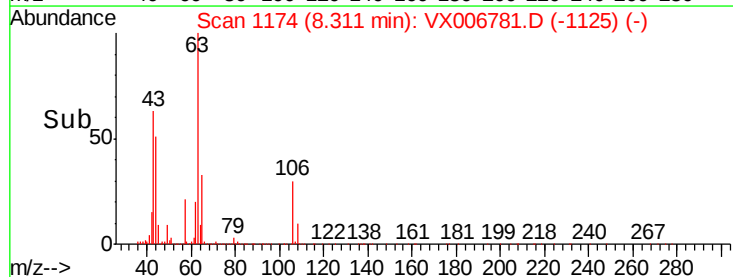
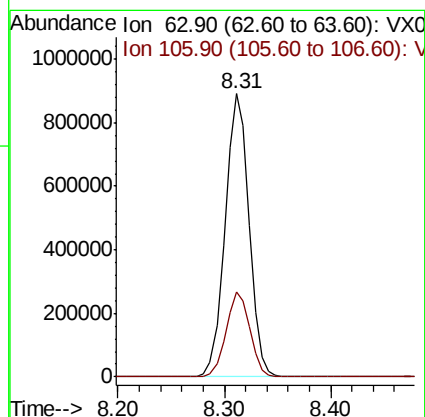
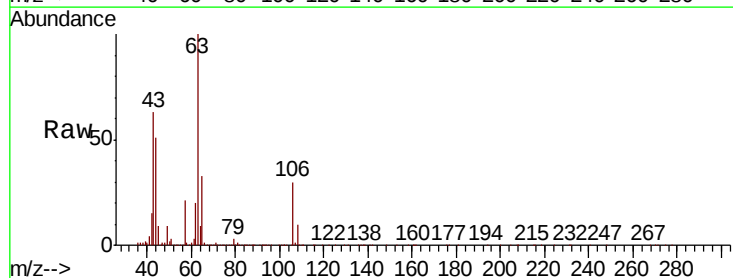
Acq: 24 Dec 2018 09:00

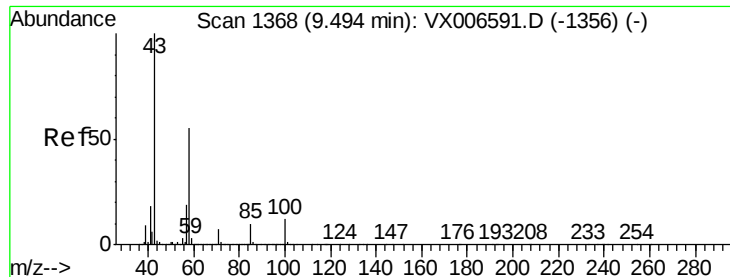
Tgt Ion: 63 Resp: 1392590

Ion Ratio Lower Upper

63 100

106 30.1 24.6 36.8





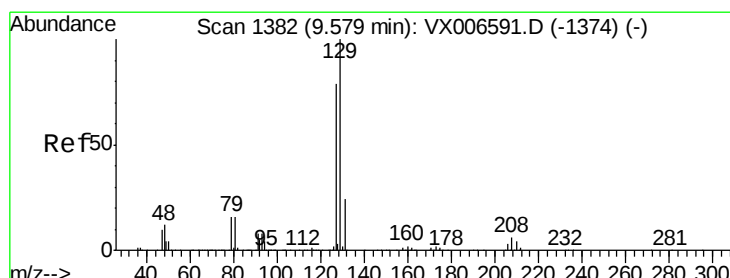
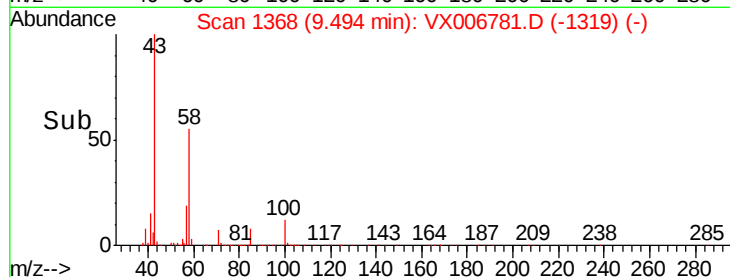
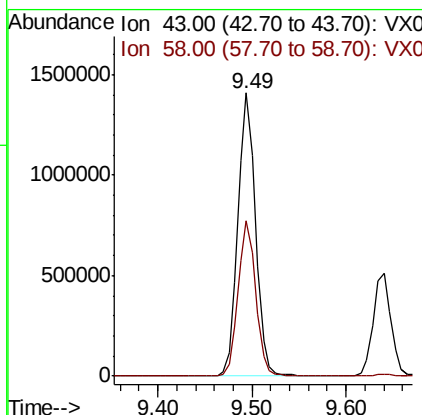
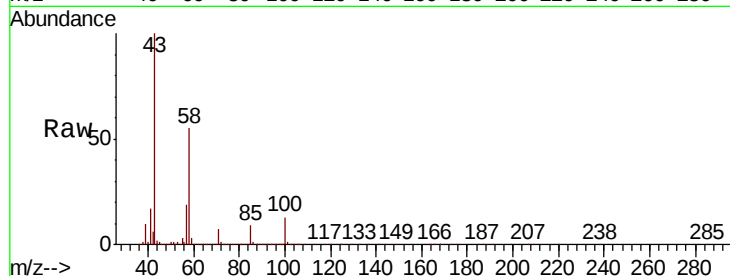
#59
2-Hexanone
Concen: 278.527 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1833577
Ion Ratio Lower Upper
43 100
58 54.9 27.7 83.1

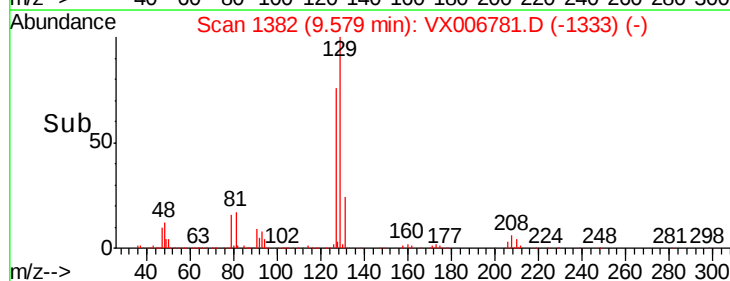
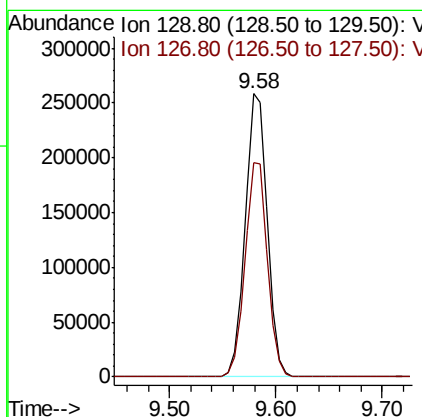
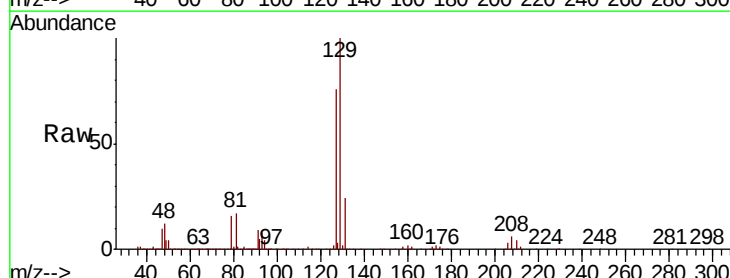
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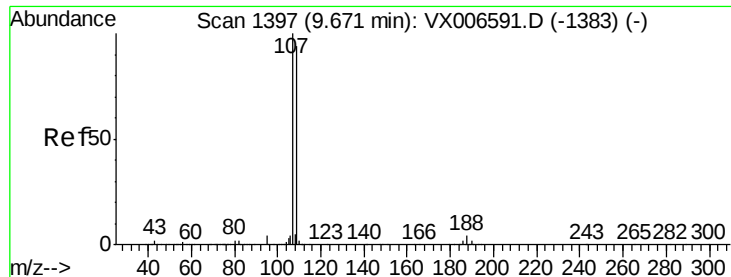
MMDadoda
12/26/2018 9:57:06 AM



#60
Dibromochloromethane
Concen: 52.264 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. 0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion: 129 Resp: 375969
Ion Ratio Lower Upper
129 100
127 76.8 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.761 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 377658

Ion Ratio Lower Upper

107 100

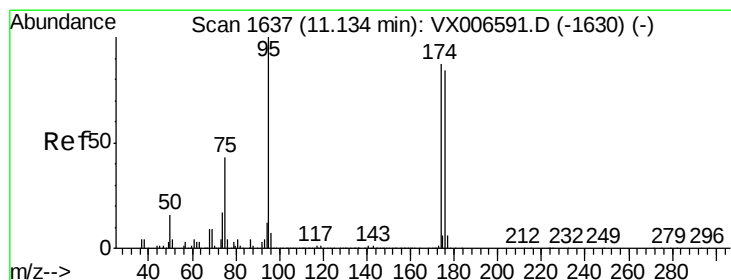
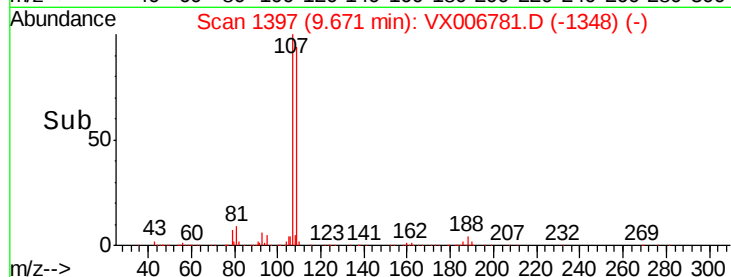
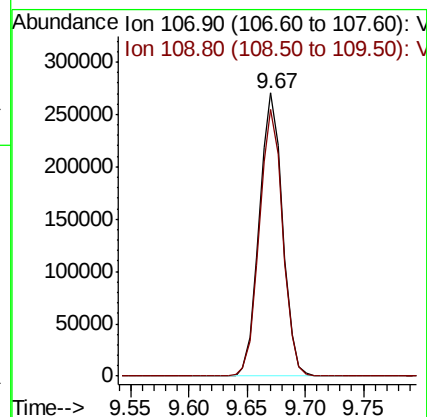
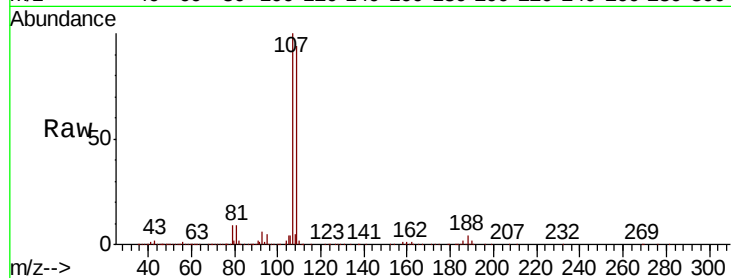
109 95.3 75.8 113.6

Manual Integrations

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MMDadoda

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#62

4-Bromofluorobenzene

Concen: 56.280 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

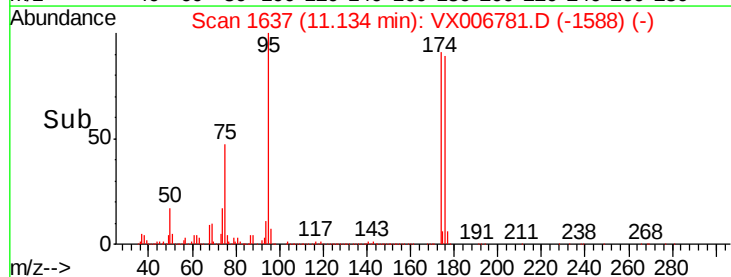
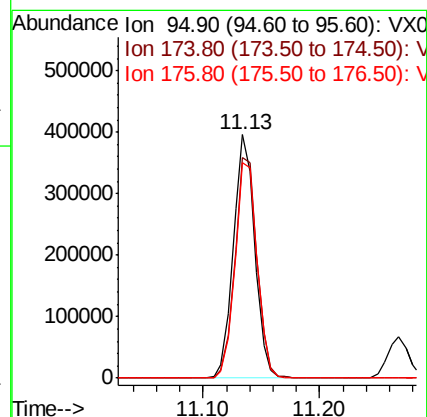
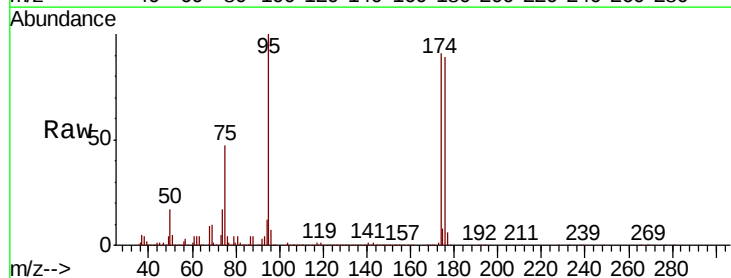
Tgt Ion: 95 Resp: 506634

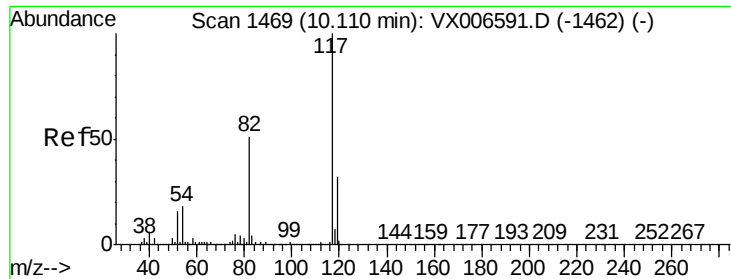
Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

176 91.8 0.0 178.8





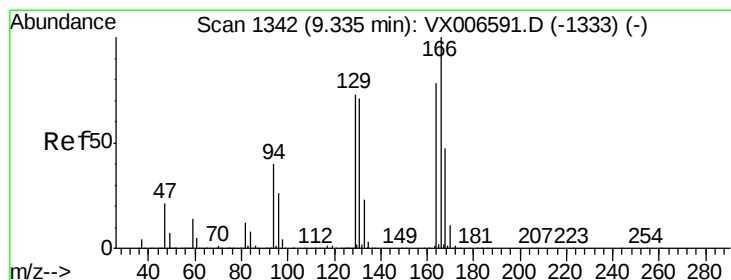
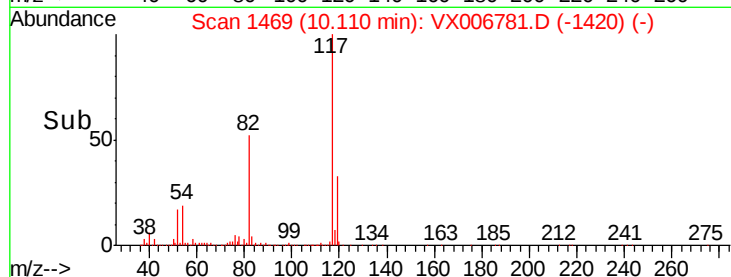
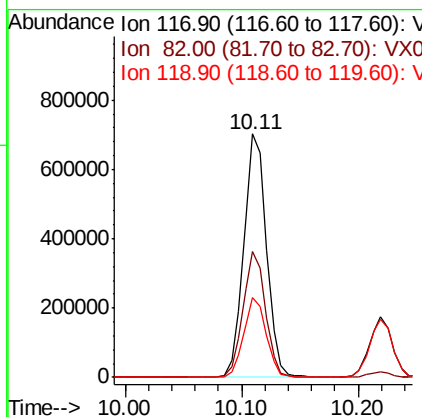
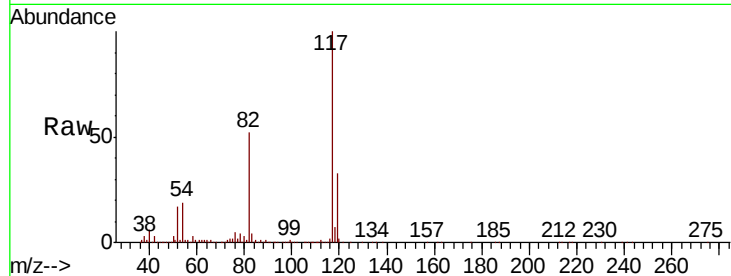
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.7	41.0	61.6
119	32.6	25.4	38.0

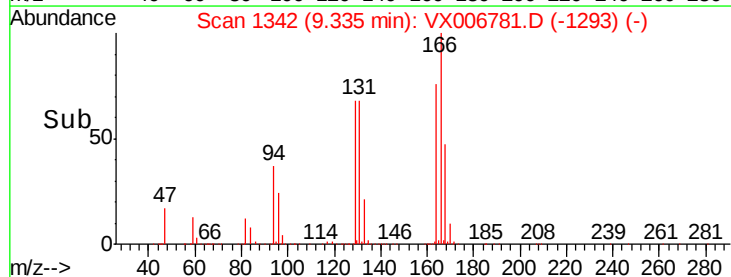
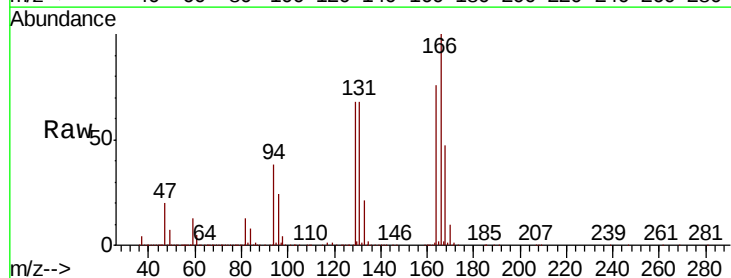
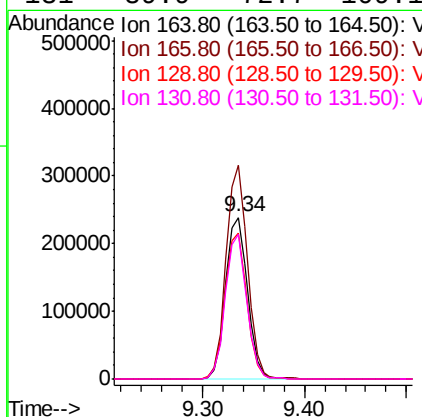
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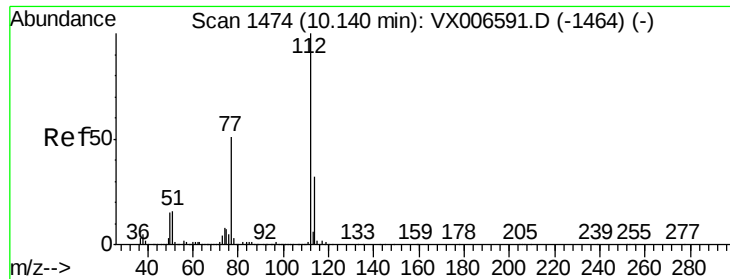
MMDadoda
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#64
Tetrachloroethene
Concen: 46.915 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
164	100		
166	132.3	102.5	153.7
129	90.0	75.1	112.7
131	89.9	72.7	109.1





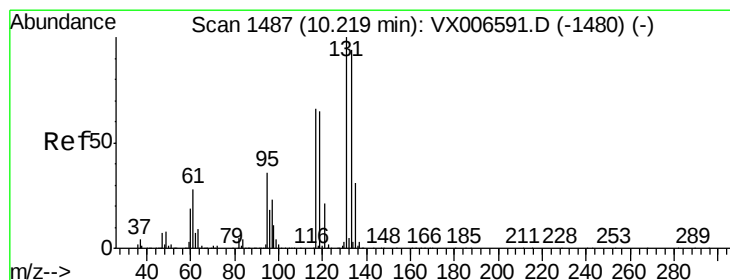
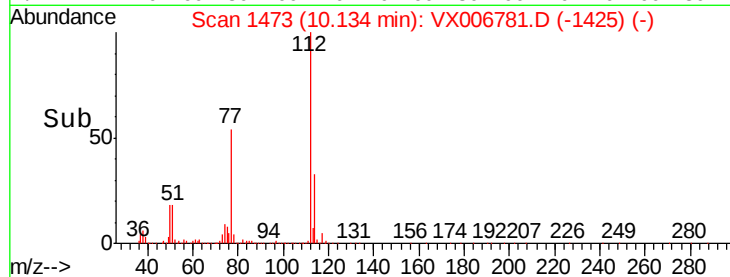
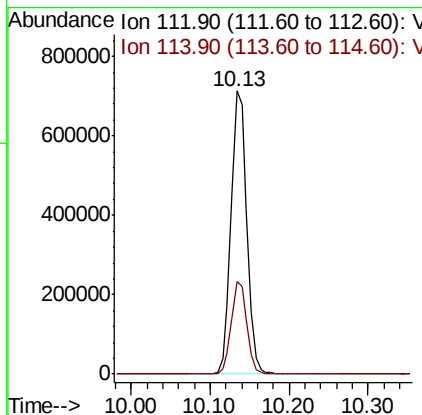
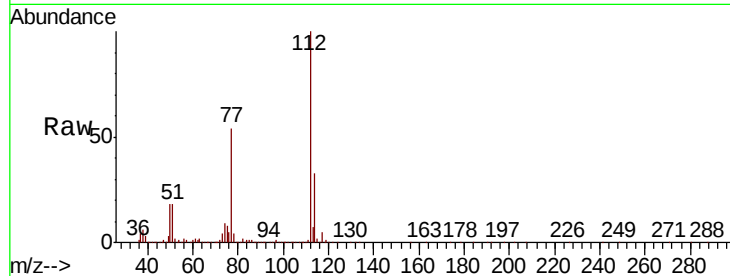
#65
Chlorobenzene
Concen: 48.976 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:112 Resp: 993063
Ion Ratio Lower Upper
112 100
114 32.7 25.7 38.5

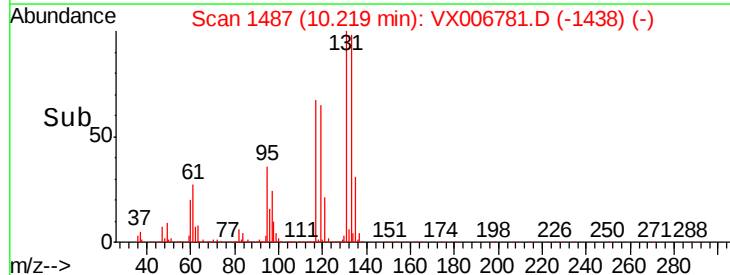
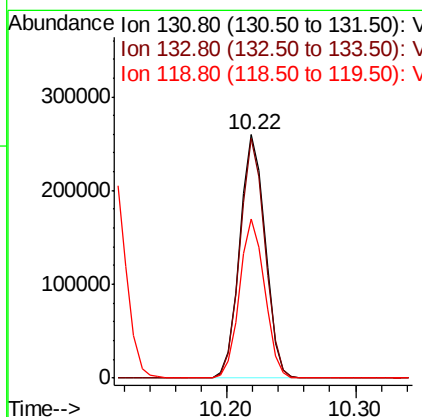
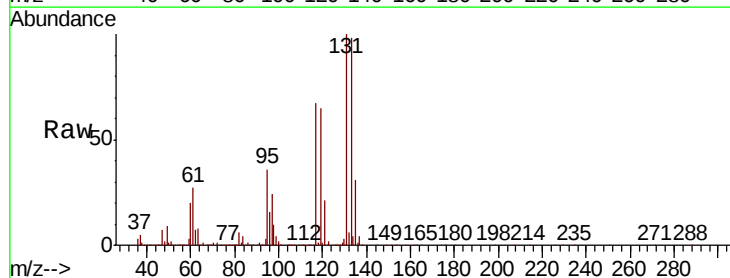
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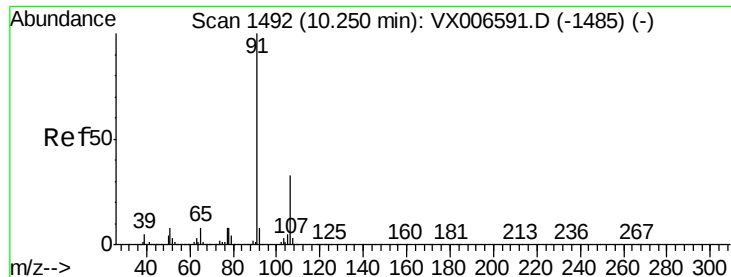
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#66
1,1,1,2-Tetrachloroethane
Concen: 56.062 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion:131 Resp: 354663
Ion Ratio Lower Upper
131 100
133 96.9 48.0 144.2
119 64.9 32.6 97.8





#67

Ethyl Benzene

Concen: 50.125 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1660826

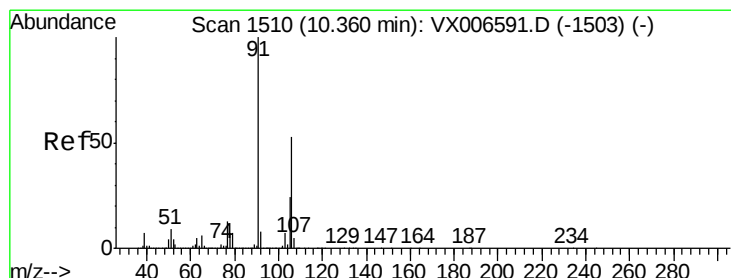
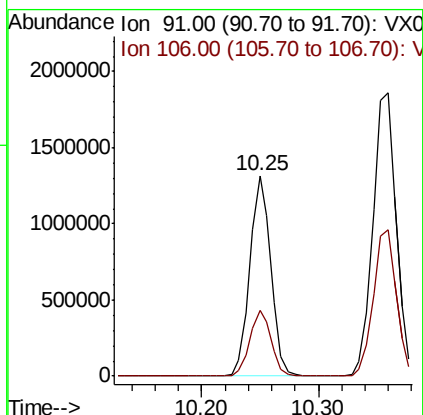
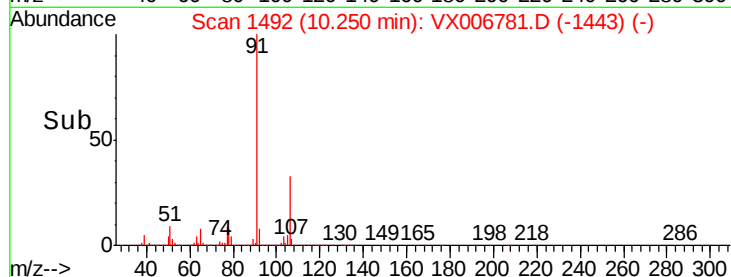
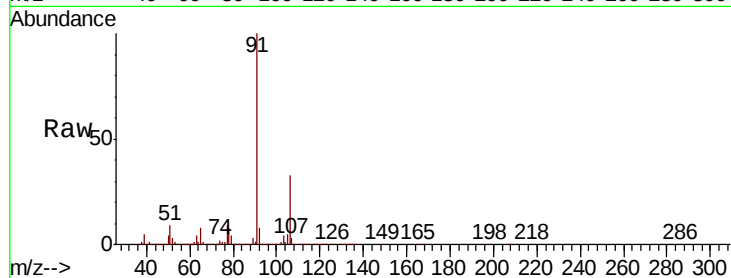
Ion Ratio Lower Upper

91 100

106 32.9 26.4 39.6

Manual Integrations
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#68

m/p-Xylenes

Concen: 101.760 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006781.D

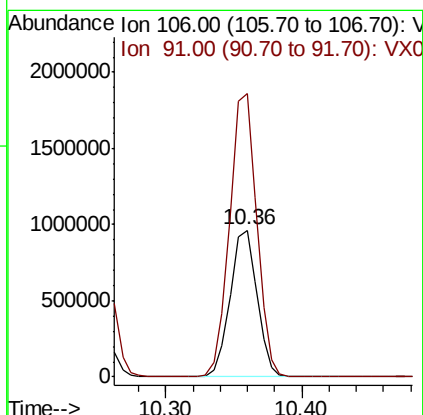
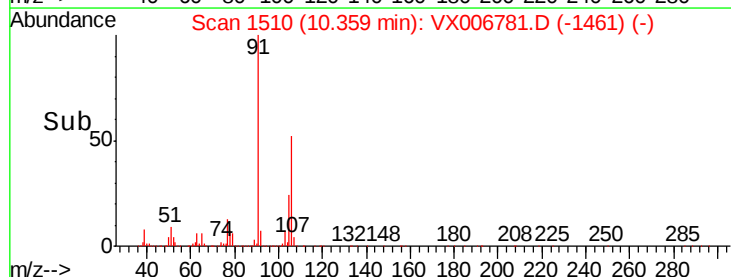
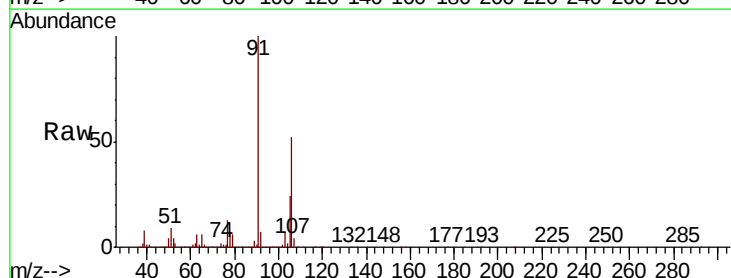
Acq: 24 Dec 2018 09:00

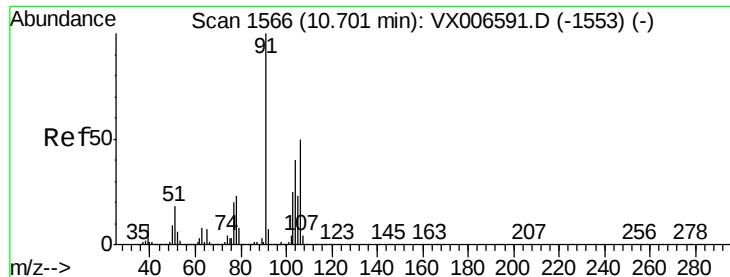
Tgt Ion: 106 Resp: 1330445

Ion Ratio Lower Upper

106 100

91 195.0 155.8 233.6





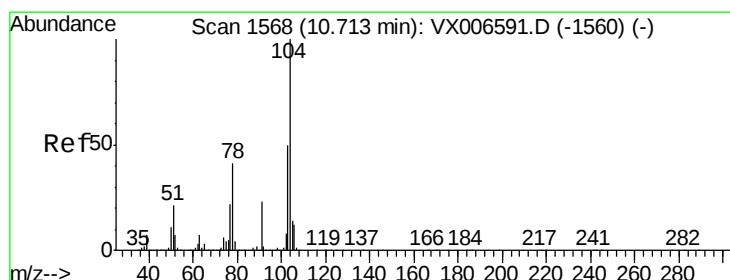
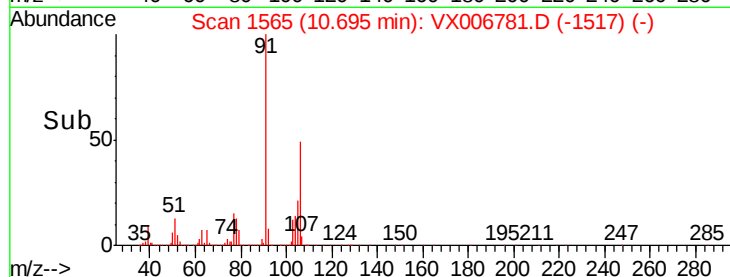
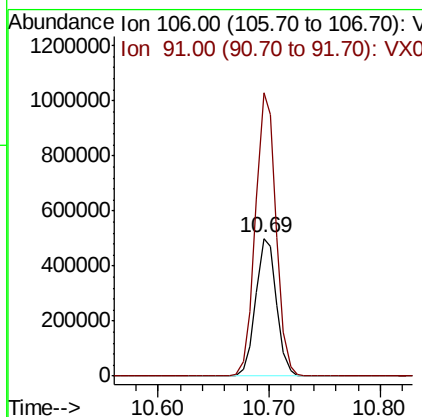
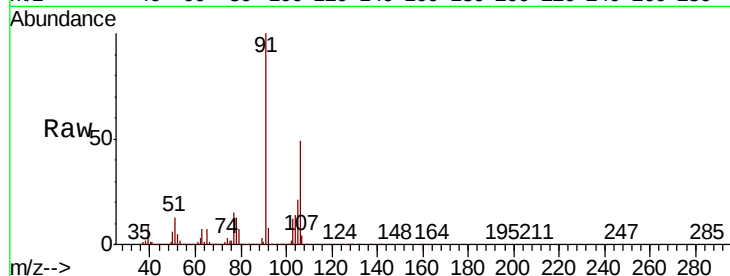
#69
o-Xylene
Concen: 50.384 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	204.2	101.3	303.7

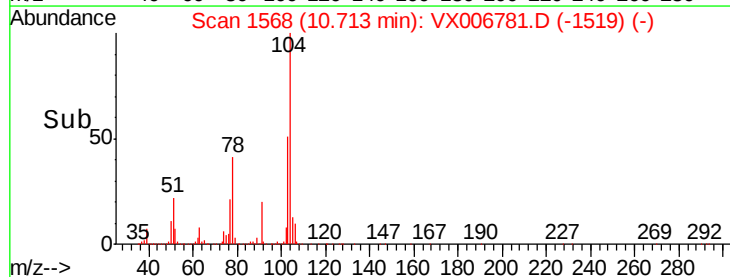
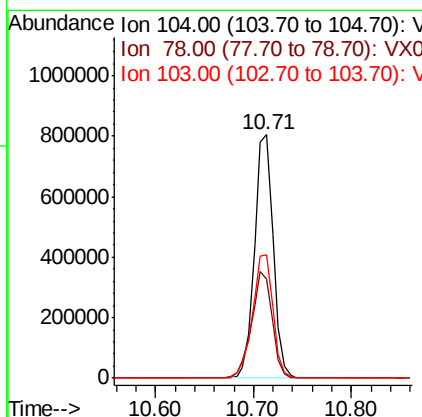
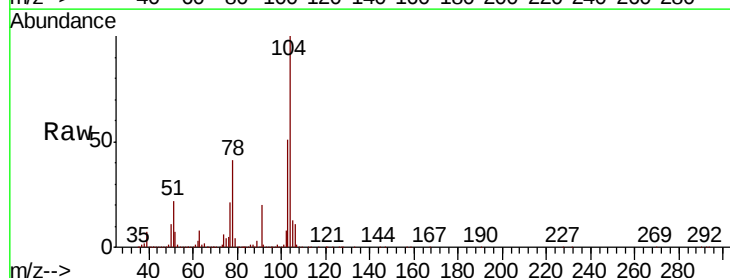
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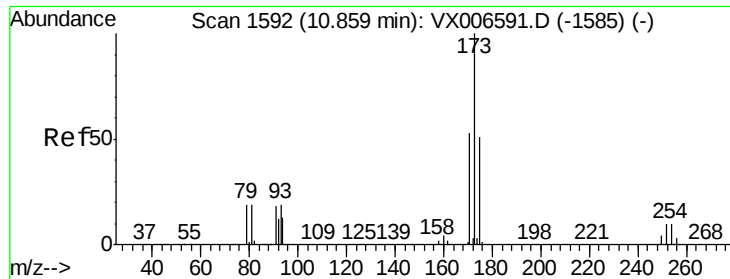
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#70
Styrene
Concen: 52.284 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.8	37.7	56.5
103	55.6	43.8	65.8





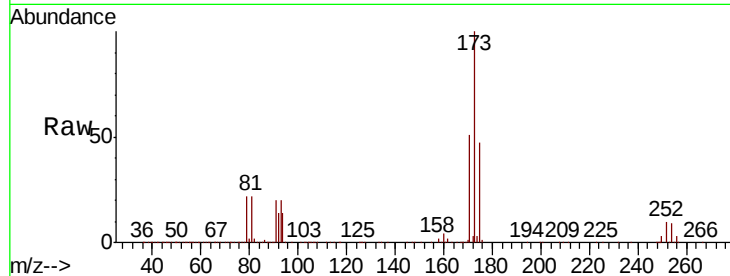
#71
Bromoform
Concen: 50.293 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.3	24.7	74.1
254	0.2	0.2	0.2

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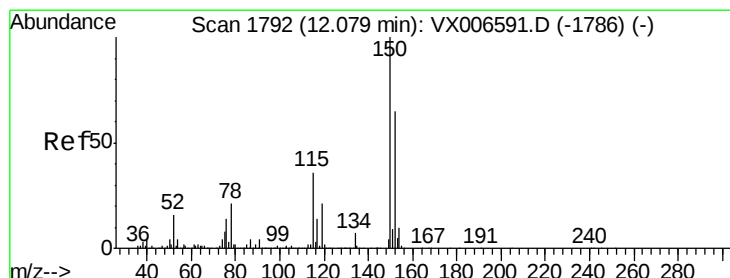
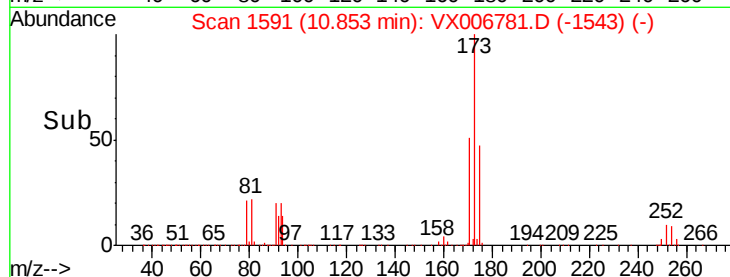
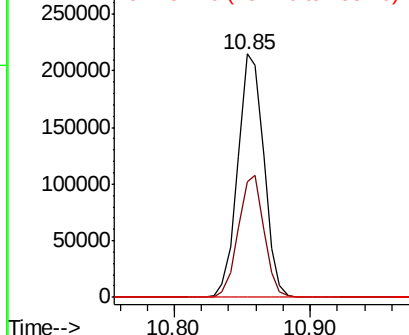


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

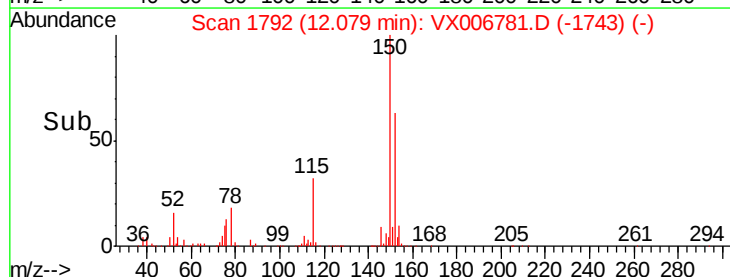
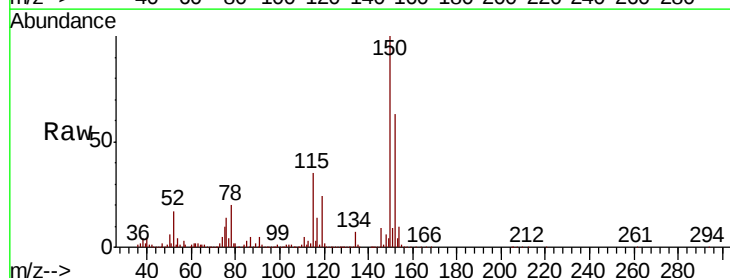
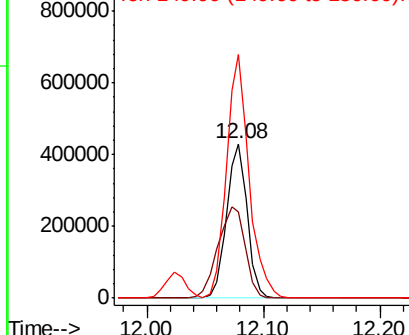
Tgt Ion	Ratio	Lower	Upper
152	100		
115	77.7	39.1	117.2
150	173.4	0.0	344.8

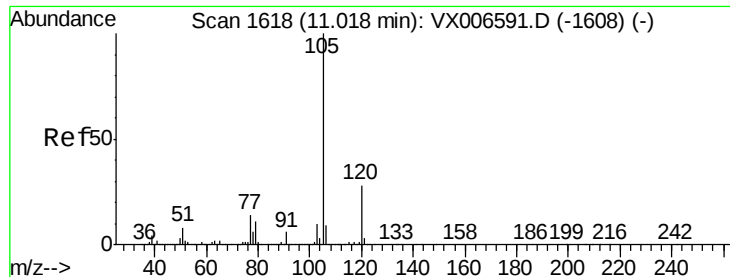
Abundance

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: 48.780 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1739994

Ion Ratio Lower Upper

105 100

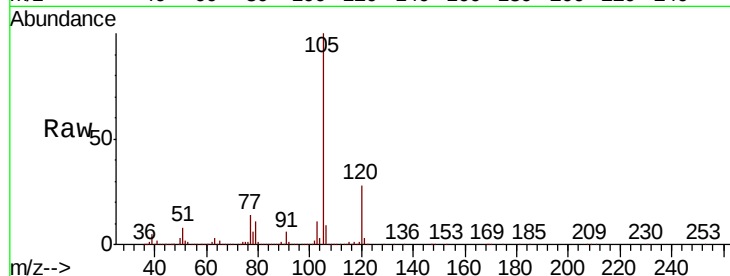
120 28.0 14.1 42.4

Manual Integrations

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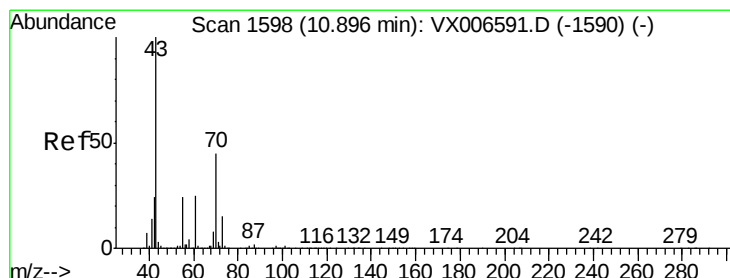
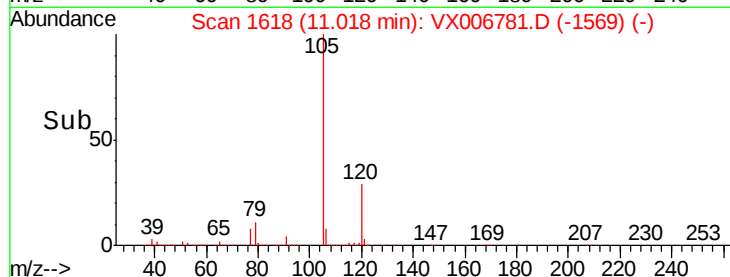
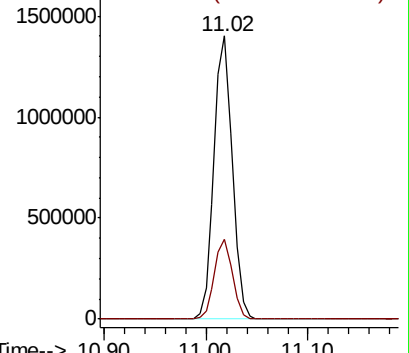
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 53.457 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion: 43 Resp: 682525

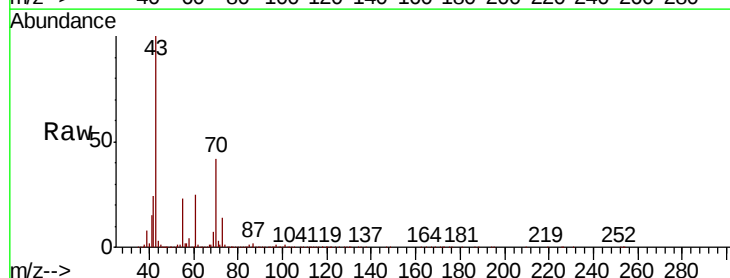
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.8

55 23.1 19.4 29.0

61 24.4 20.1 30.1

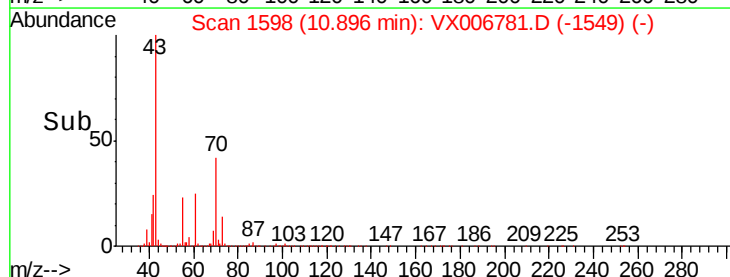
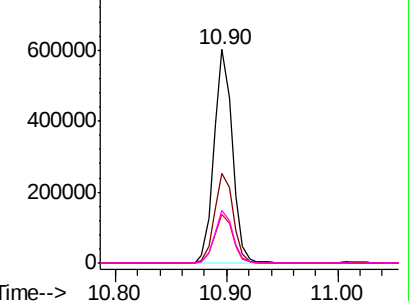


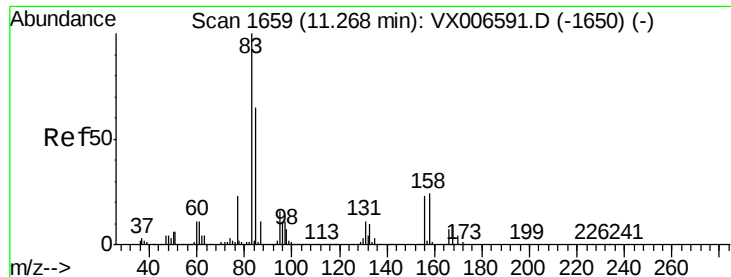
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.611 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 526288

Ion Ratio Lower Upper

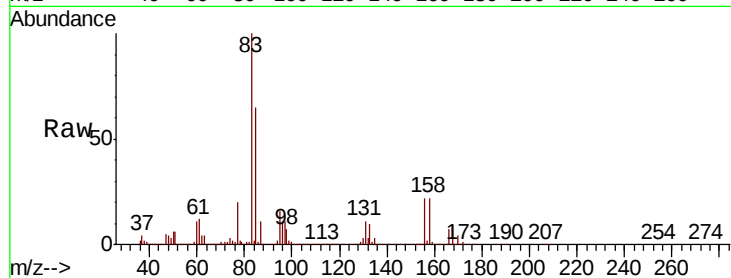
83 100

131 11.0 5.7 17.1

85 64.5 32.2 96.6

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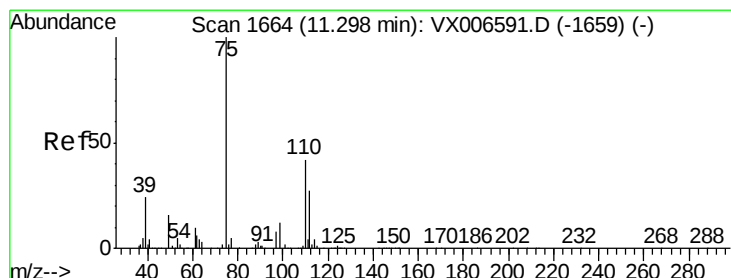
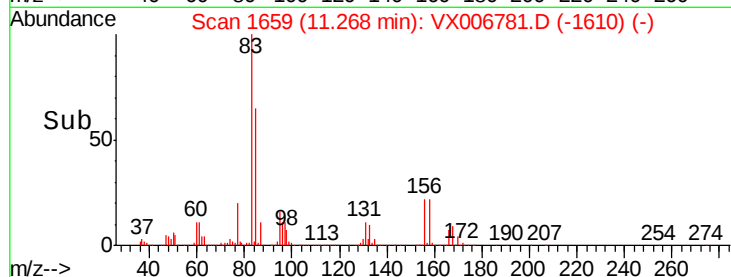
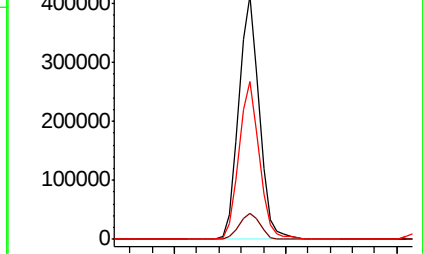
MMDadoda
12/26/2018 9:57:06 AM



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 50.689 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006781.D

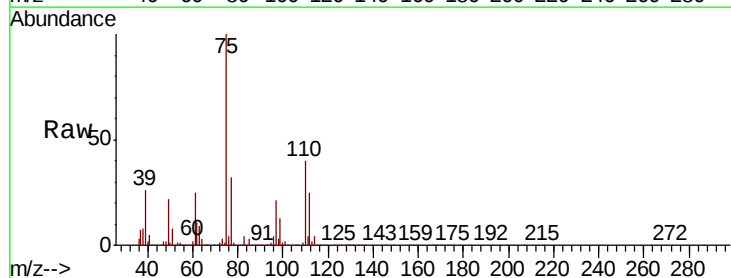
Acq: 24 Dec 2018 09:00

Tgt Ion: 75 Resp: 491168

Ion Ratio Lower Upper

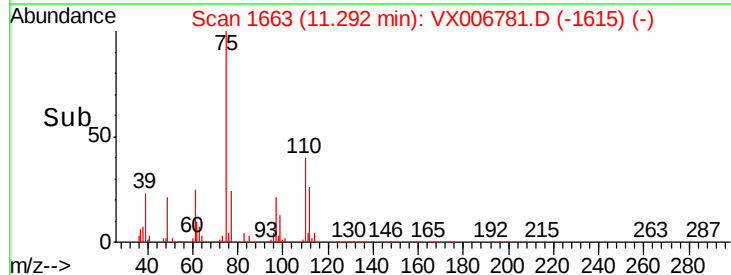
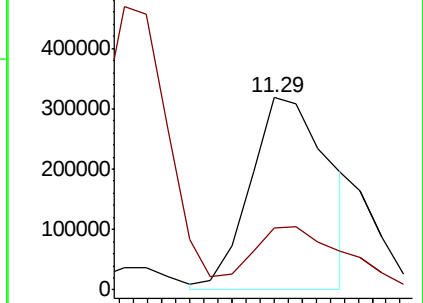
75 100

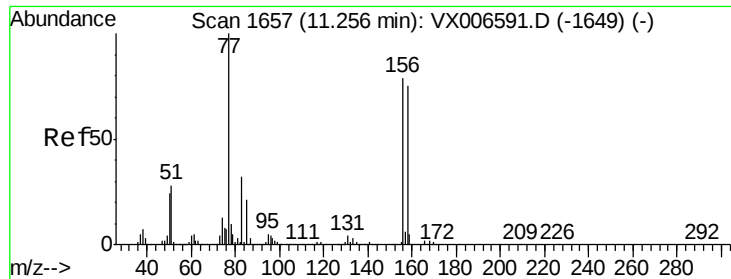
77 39.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





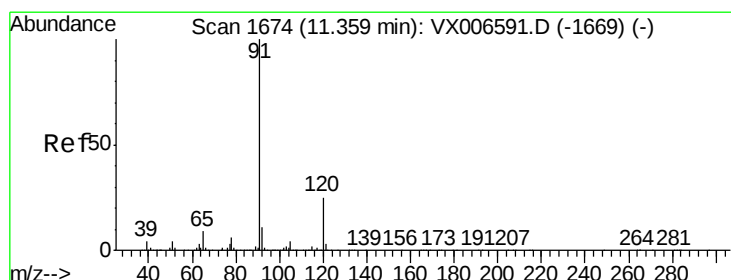
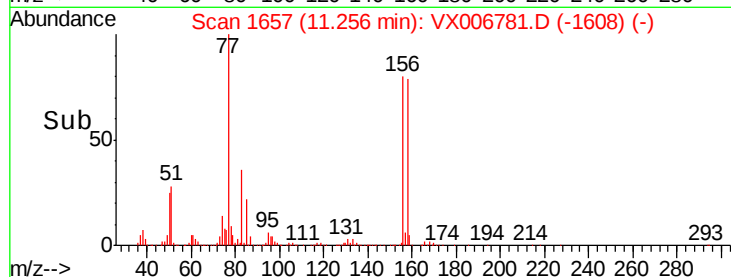
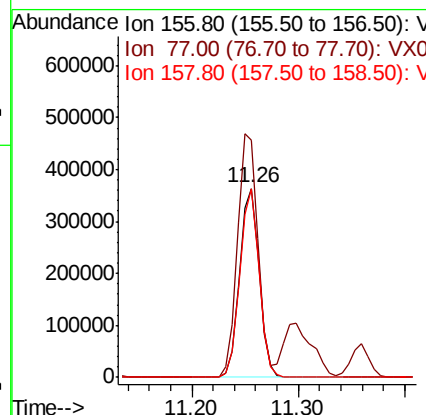
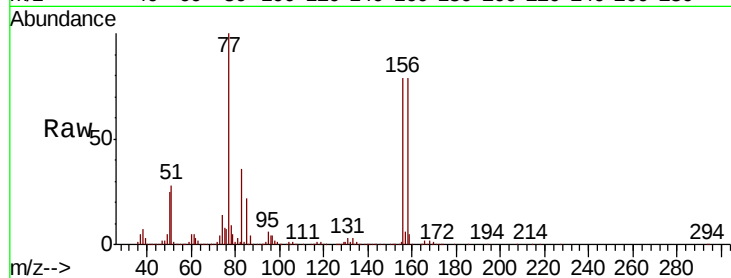
#77
Bromobenzene
Concen: 48.899 ug/l
RT: 11.26 min Scan# 1657
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	133.6	68.0	204.0
158	98.2	48.3	144.8

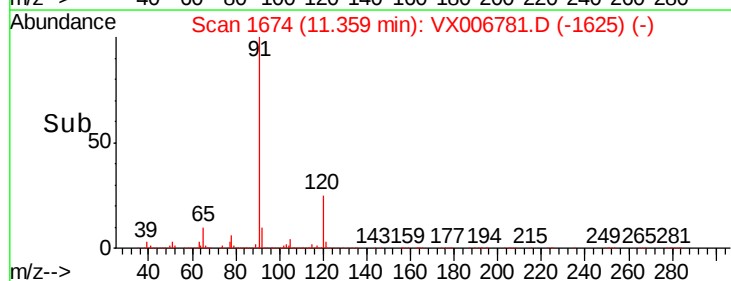
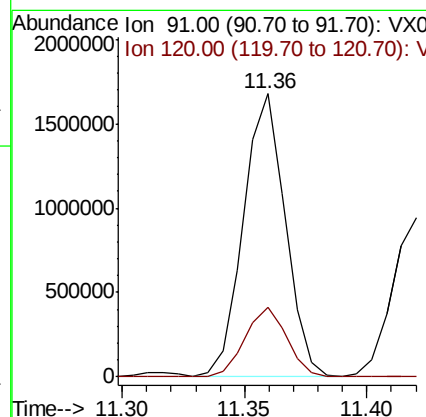
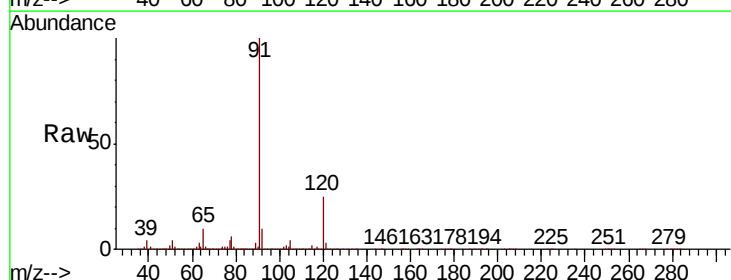
Manual Integrations
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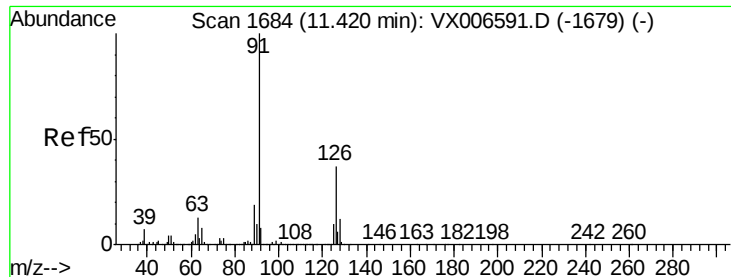
MMDadoda
12/26/2018 9:57:06 AM



#78
n-propylbenzene
Concen: 50.639 ug/l
RT: 11.36 min Scan# 1674
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.8	12.7	38.0





#79

2-Chlorotoluene

Concen: 48.262 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1148813

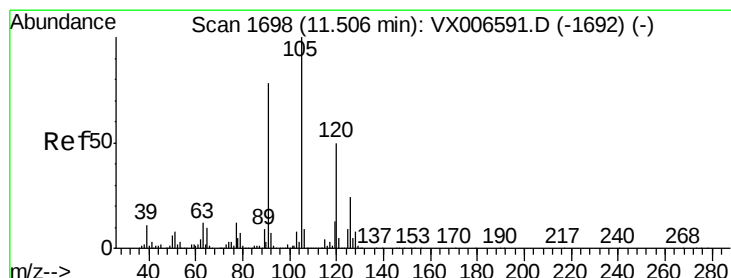
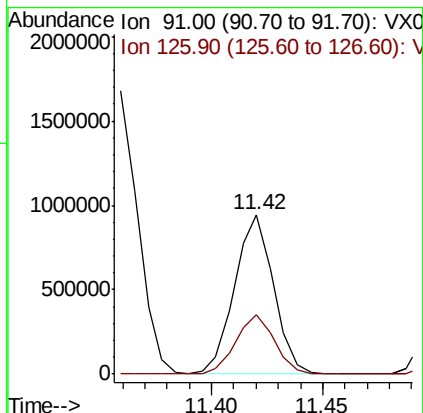
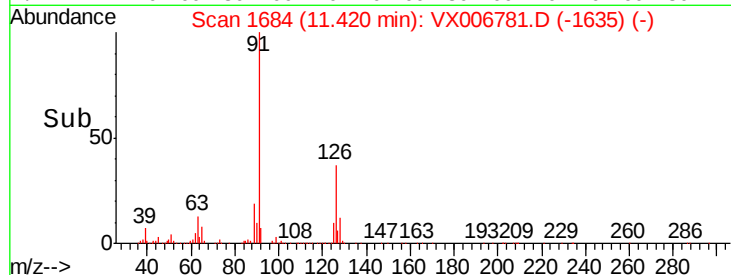
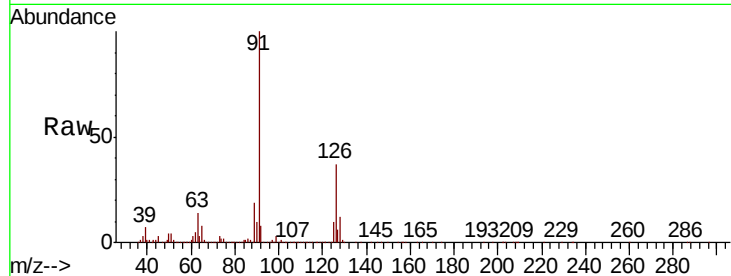
Ion Ratio Lower Upper

91 100

126 37.1 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 50.055 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006781.D

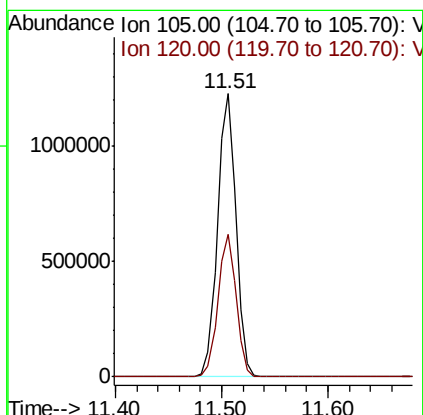
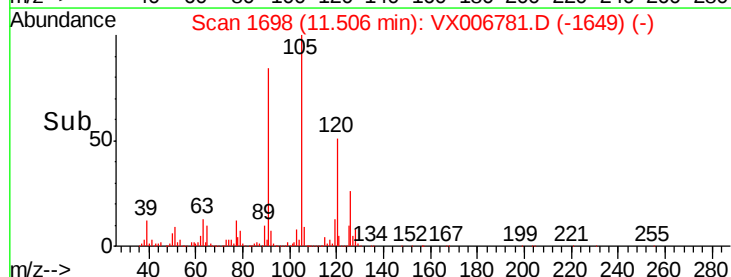
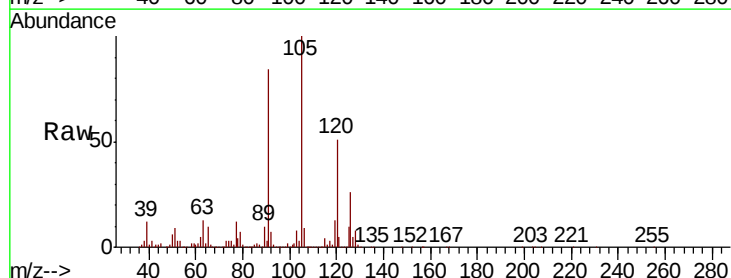
Acq: 24 Dec 2018 09:00

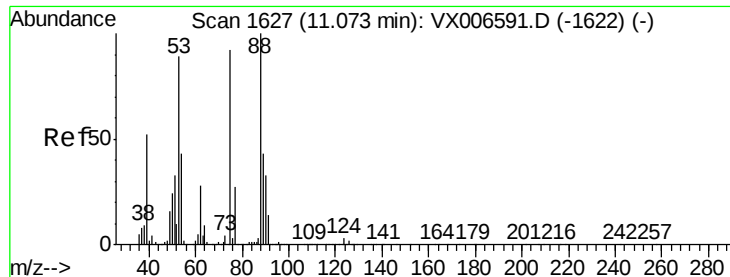
Tgt Ion: 105 Resp: 1470606

Ion Ratio Lower Upper

105 100

120 49.8 25.1 75.3





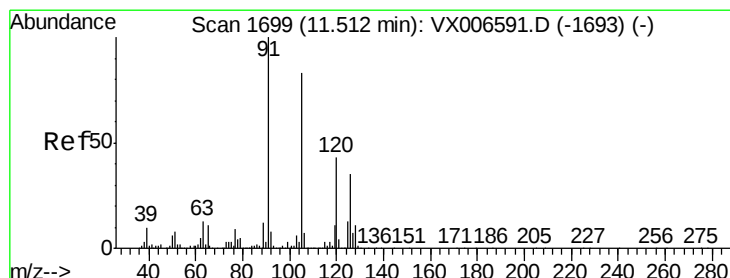
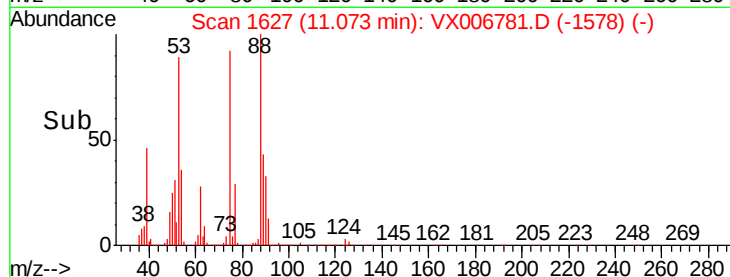
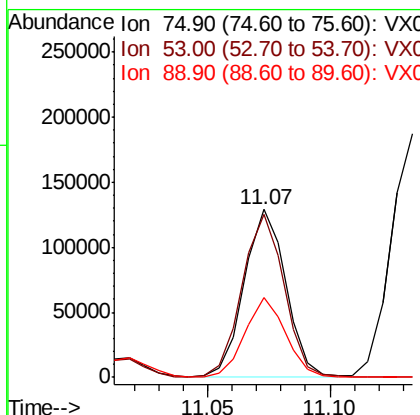
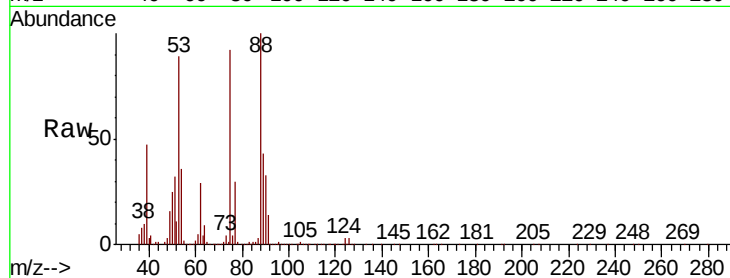
#81
trans-1,4-Dichloro-2-butene
Concen: 48.170 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	98.3	79.7	119.5
89	47.1	38.0	57.0

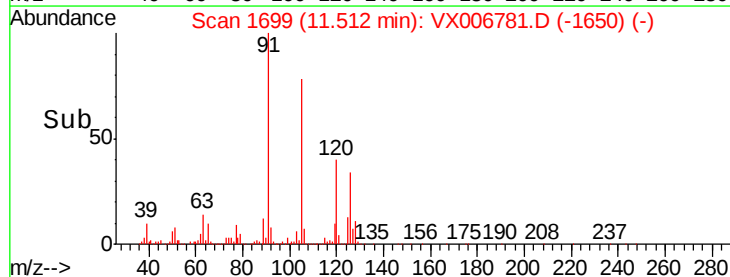
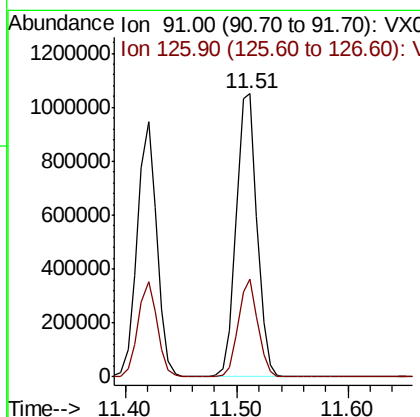
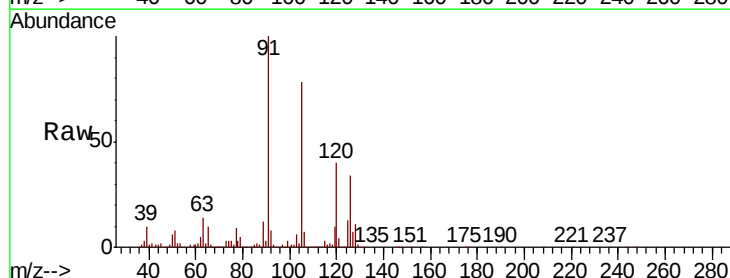
Manual Integrations
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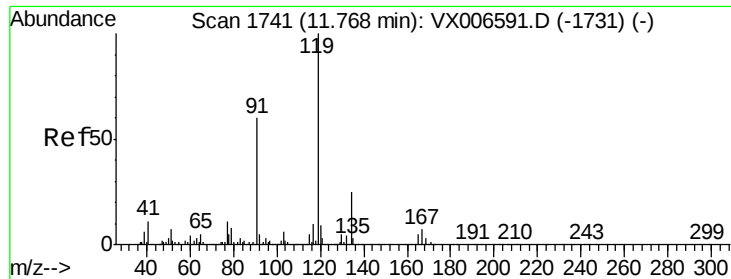
MMDadoda
12/26/2018 9:57:06 AM



#82
4-Chlorotoluene
Concen: 49.841 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
91	100		
126	32.5	16.3	48.9





#83

tert-Butylbenzene

Concen: 50.148 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1474609

Ion Ratio Lower Upper

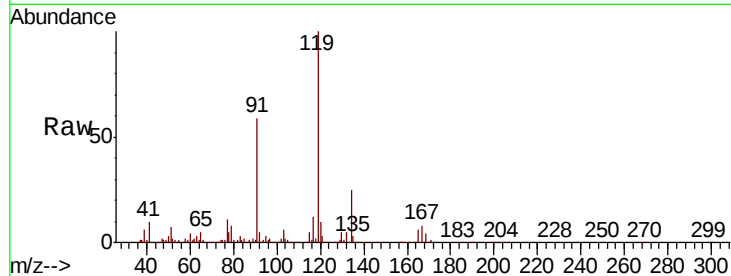
119 100

91 55.8 27.7 83.1

134 23.8 11.9 35.5

Manual Integrations
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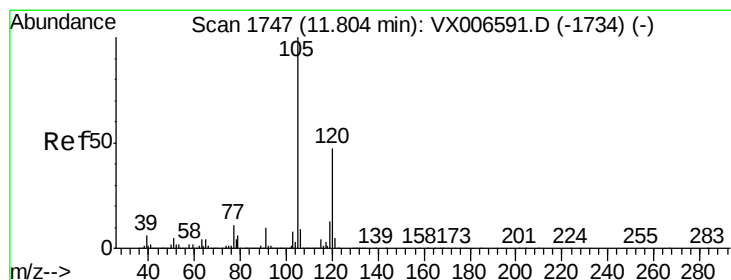
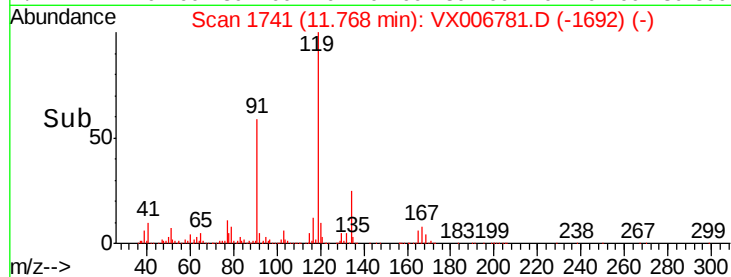
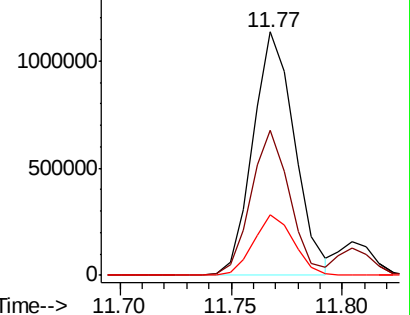
MMDadoda
12/26/2018 9:57:06 AM



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.347 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006781.D

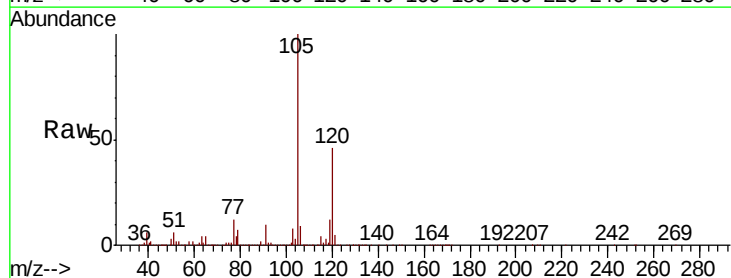
Acq: 24 Dec 2018 09:00

Tgt Ion:105 Resp: 1494068

Ion Ratio Lower Upper

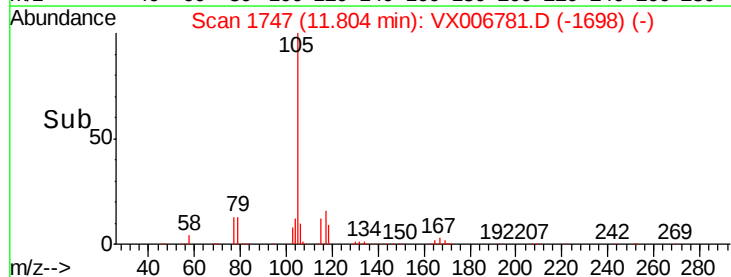
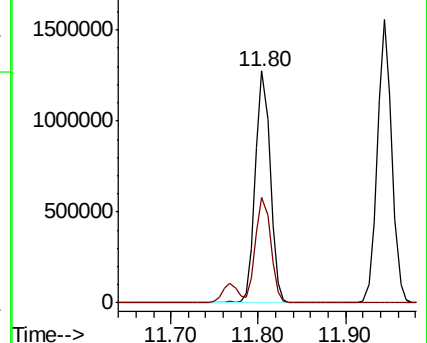
105 100

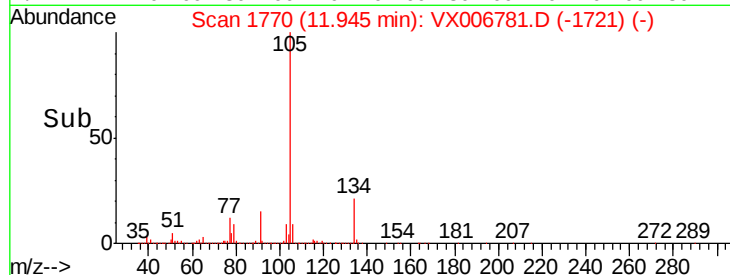
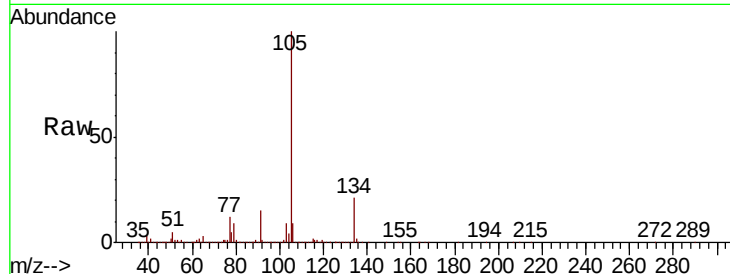
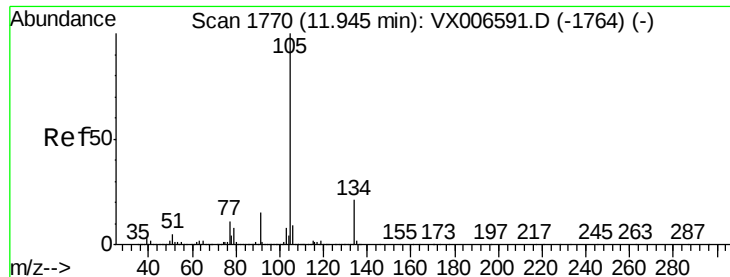
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





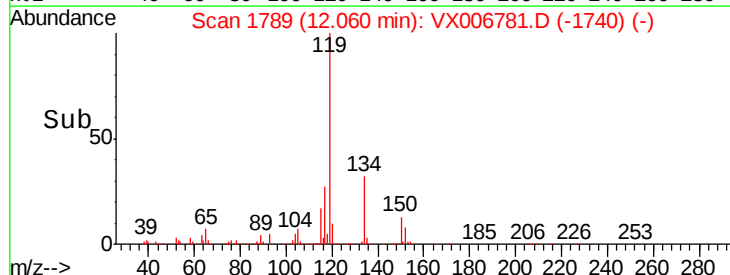
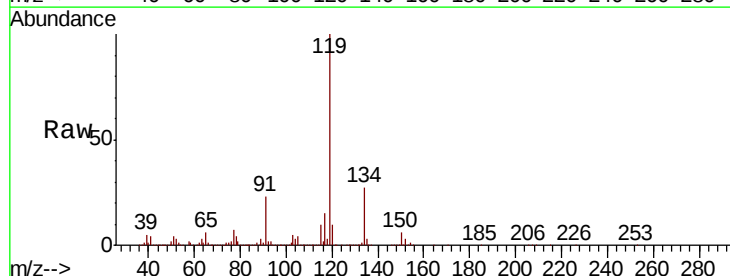
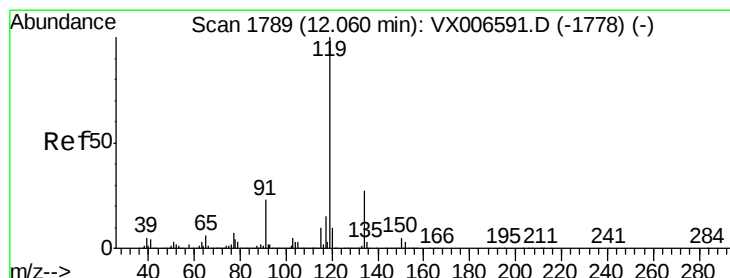
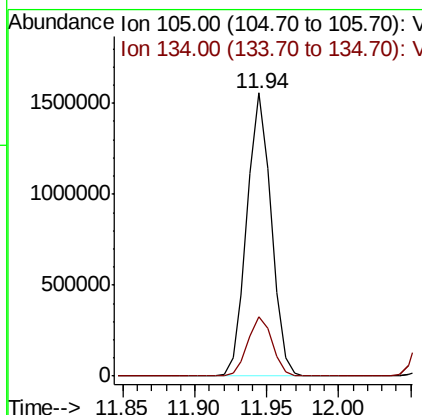
#85
 sec-Butylbenzene
 Concen: 50.221 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Tot Ion:105 Resp: 1810576
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

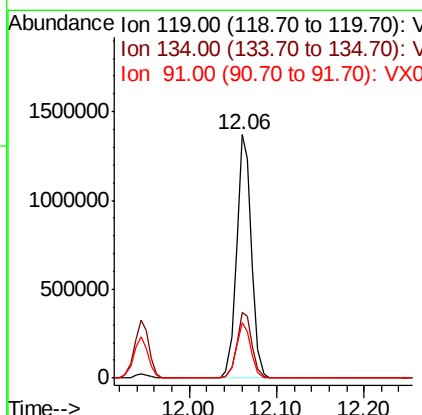
Manual Integrations
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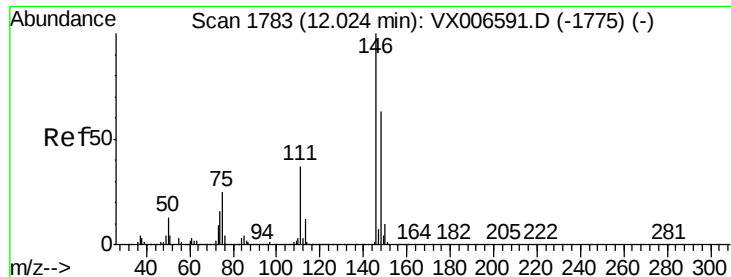
MMDadoda
 12/26/2018 9:57:06 AM



#86
 p-Isopropyltoluene
 Concen: 51.514 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Tgt Ion:119 Resp: 1632552
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.0 41.9
 91 22.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.885 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

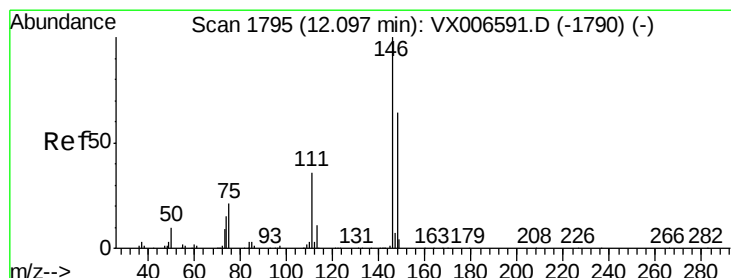
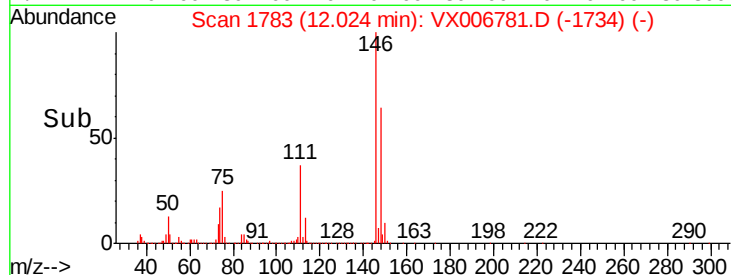
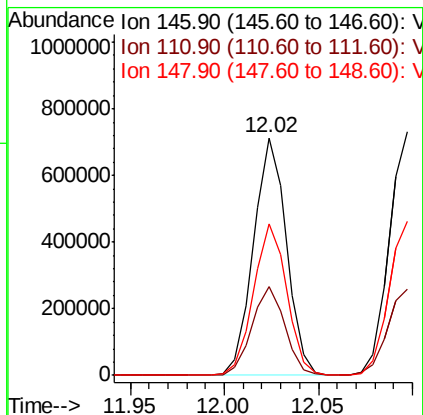
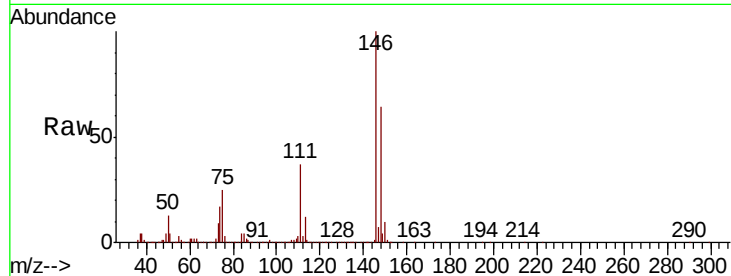
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	867006
Ion Ratio	Lower	Upper	
146	100		
111	37.3	18.6	55.8
148	64.0	31.8	95.3

Manual Integrations
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#88

1,4-Dichlorobenzene

Concen: 48.894 ug/l

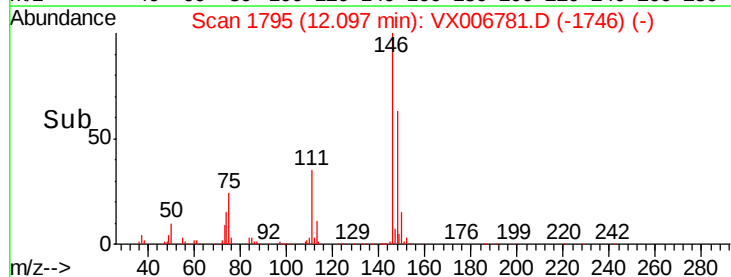
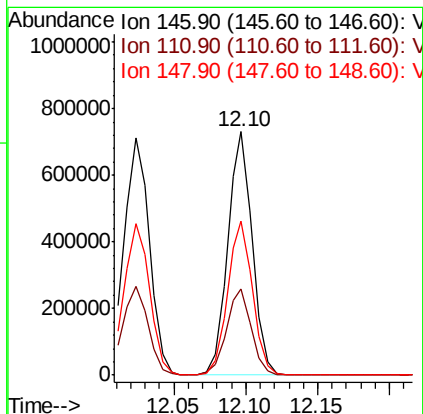
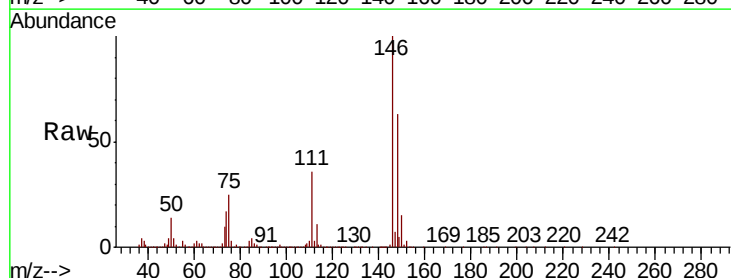
RT: 12.10 min Scan# 1795

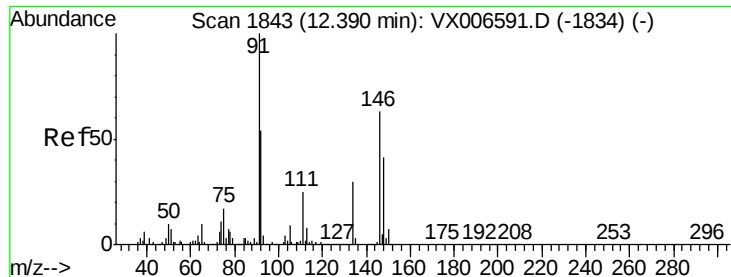
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	146	Resp:	871139
Ion Ratio	Lower	Upper	
146	100		
111	36.2	18.1	54.1
148	64.0	31.9	95.9





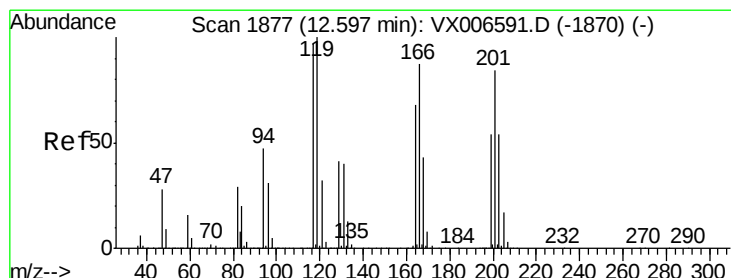
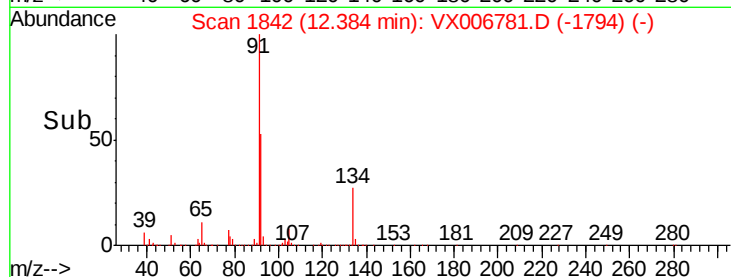
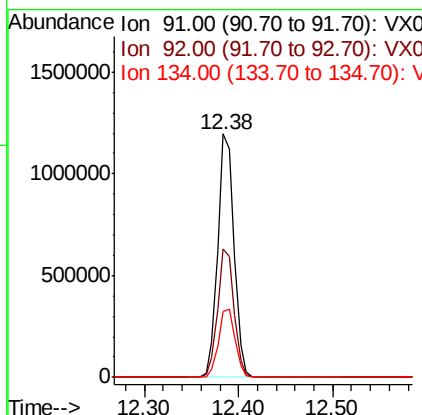
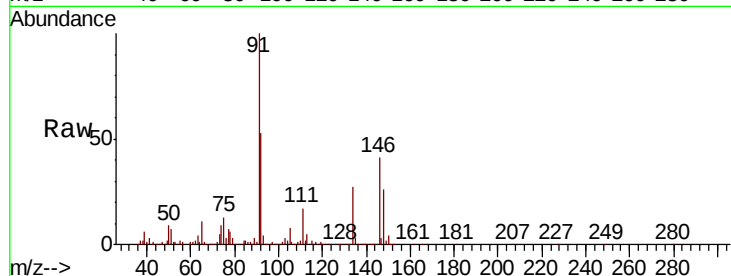
#89
n-Butylbenzene
Concen: 53.310 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 1437821
Ion Ratio Lower Upper
91 100
92 52.7 26.8 80.4
134 28.7 14.4 43.2

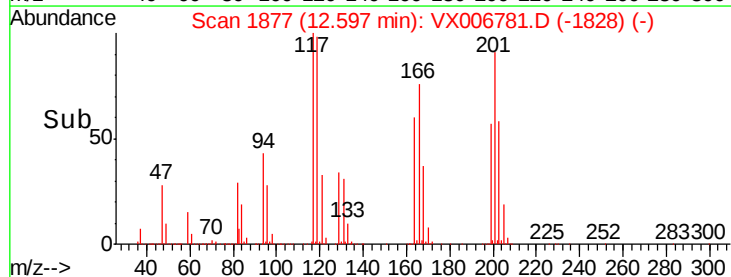
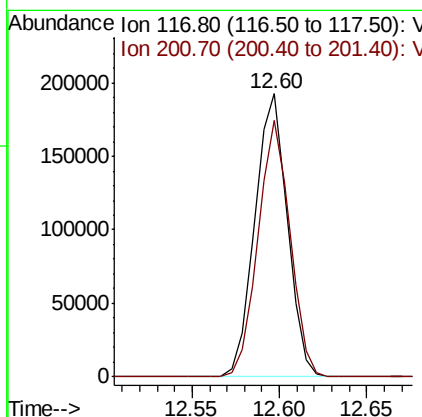
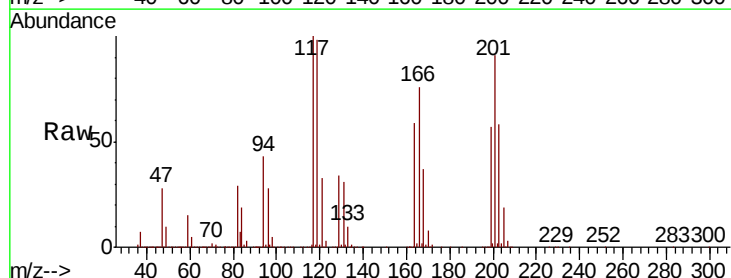
Manual Integrations
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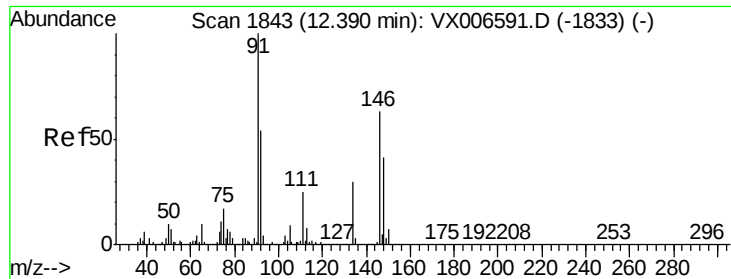
MMDadoda
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#90
Hexachloroethane
Concen: 50.136 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion: 117 Resp: 248711
Ion Ratio Lower Upper
117 100
201 89.4 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 48.676 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Instrument :

MSVOA_X

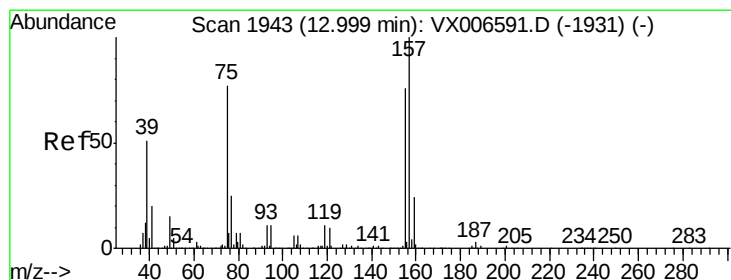
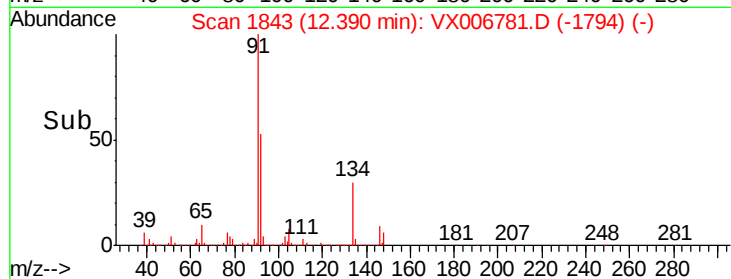
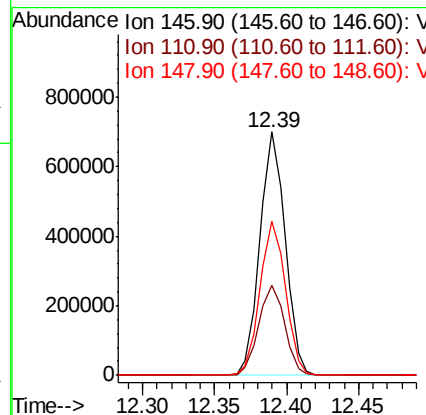
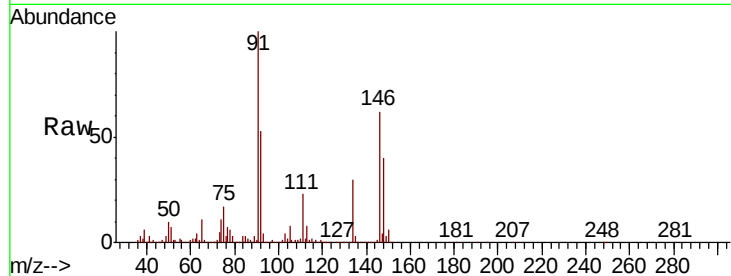
ClientSampleId :

VSTDCCC050

Tot Ion:	146	Resp:	846284
Ion Ratio	Lower	Upper	
146	100		
111	38.1	19.4	58.2
148	63.8	32.3	96.9

Manual Integrations
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#92

1,2-Dibromo-3-Chloropropane

Concen: 50.230 ug/l

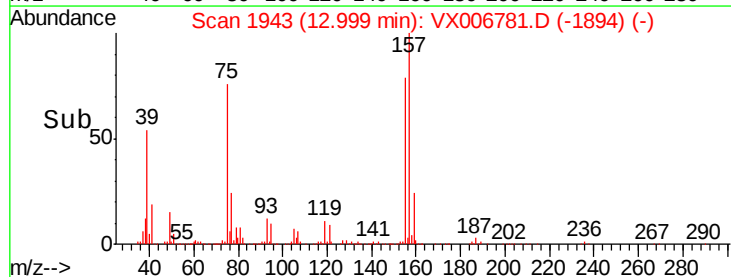
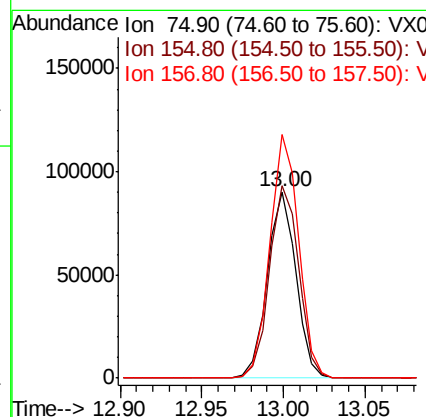
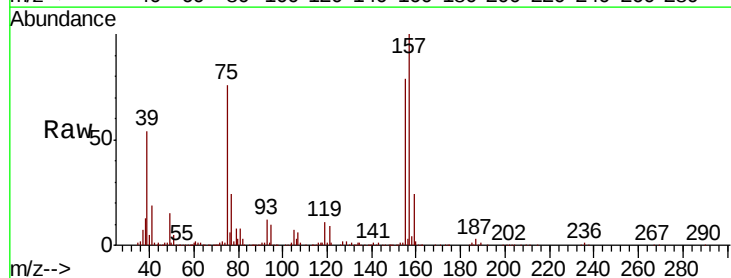
RT: 13.00 min Scan# 1943

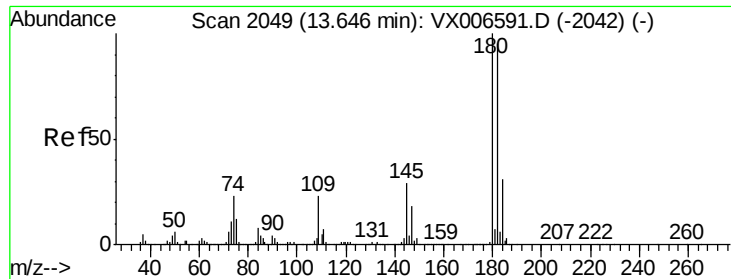
Delta R.T. -0.00 min

Lab File: VX006781.D

Acq: 24 Dec 2018 09:00

Tgt Ion:	75	Resp:	110254
Ion Ratio	Lower	Upper	
75	100		
155	105.5	50.6	151.8
157	131.1	64.6	193.8





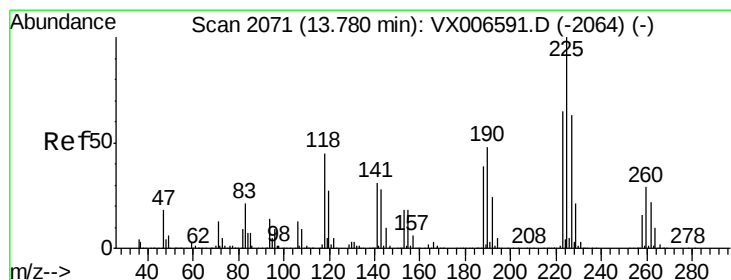
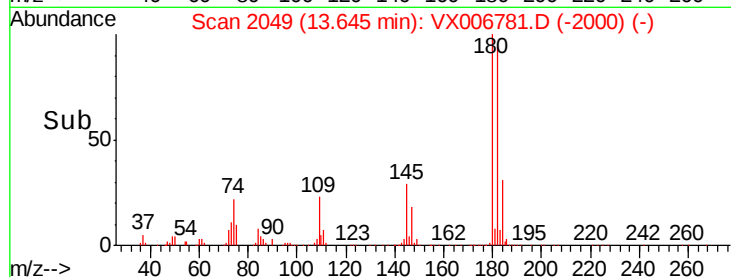
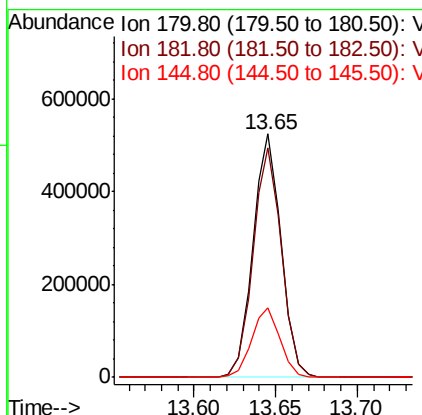
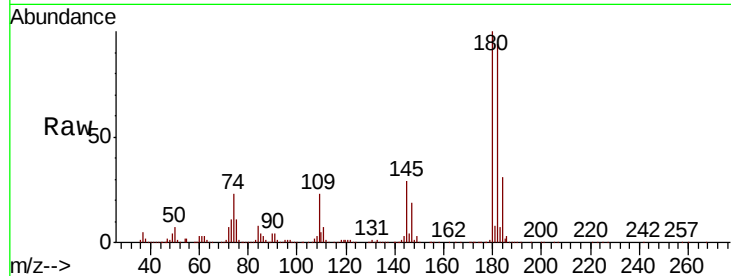
#93
 1,2,4-Trichlorobenzene
 Concen: 52.361 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100	627959		
182	95.0		47.3	142.0
145	29.0		14.8	44.3

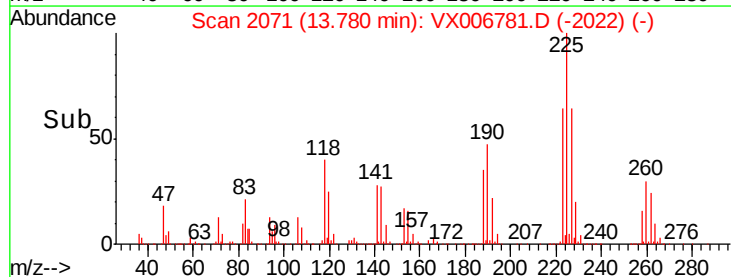
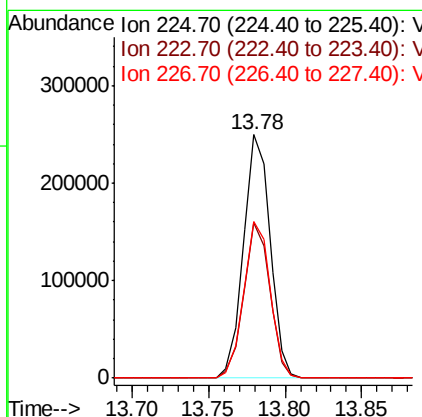
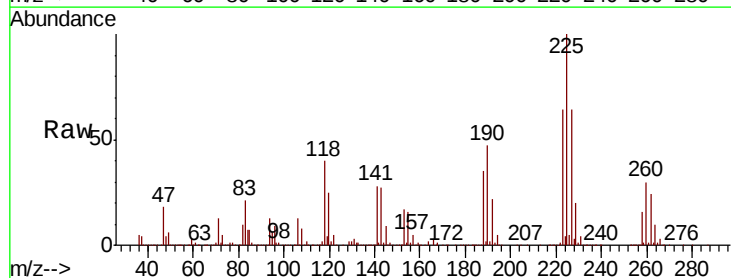
Manual Integrations
 APPROVED

MMDadoda
 12/26/2018 9:57:06 AM



#94
 Hexachlorobutadiene
 Concen: 53.448 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006781.D
 Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	302128		
223	62.5		32.1	96.3
227	64.0		32.3	96.8





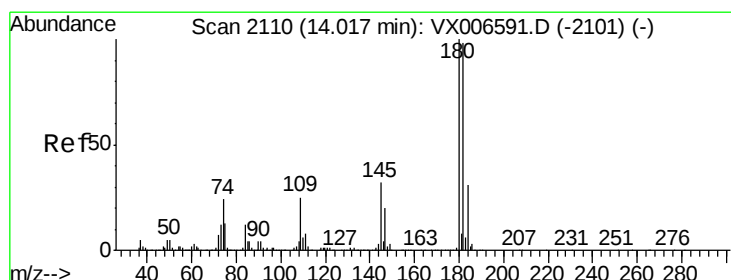
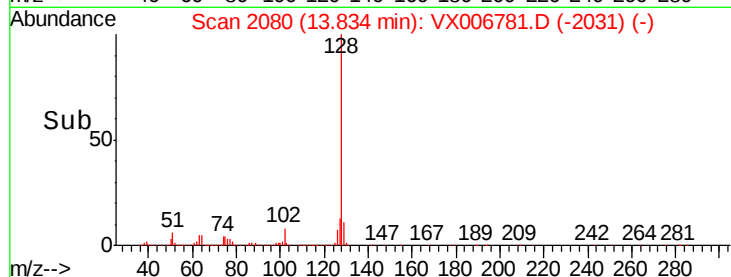
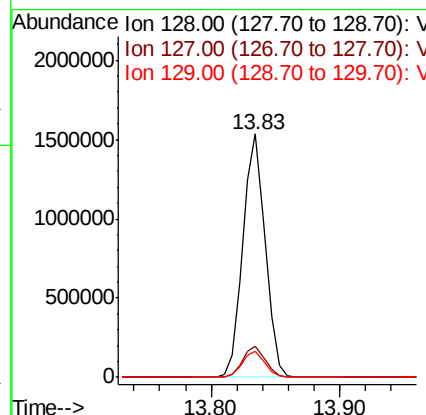
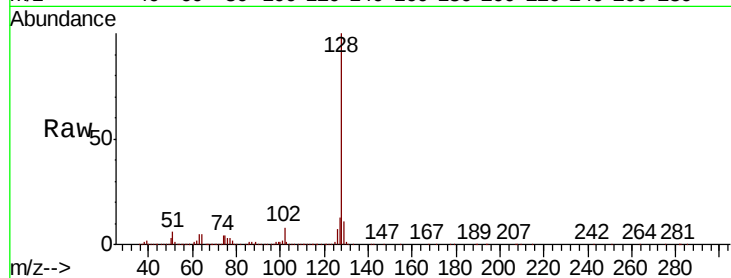
#95
Naphthalene
Concen: 48.325 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

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

Manual Integrations
APPROVED

MMDadoda
12/26/2018 9:57:06 AM



#96
1,2,3-Trichlorobenzene
Concen: 50.040 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX006781.D
Acq: 24 Dec 2018 09:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	48.5	145.5
145	30.5	16.0	47.9

