

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX122718\
 Data File : VX006831.D
 Acq On : 27 Dec 2018 10:01
 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
 12/28/2018 10:27:56 AM

Quant Time: Dec 28 03:26:32 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	610449	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	873509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	794262	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	397895	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	324503	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
35) Dibromofluoromethane	5.50	113	304501	55.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.24%	
50) Toluene-d8	8.71	98	1104525	53.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.08%	
62) 4-Bromofluorobenzene	11.13	95	409526	53.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	262356	46.979	ug/l	99
3) Chloromethane	1.33	50	267188	44.409	ug/l	100
4) Vinyl Chloride	1.41	62	295759	47.068	ug/l	98
5) Bromomethane	1.64	94	258511	43.849	ug/l	98
6) Chloroethane	1.72	64	192111	44.154	ug/l	100
7) Trichlorofluoromethane	1.93	101	482782	49.280	ug/l	99
8) Diethyl Ether	2.19	74	186020	47.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	293448	51.015	ug/l	99
10) Methyl Iodide	2.51	142	381259	46.303	ug/l	100
11) Tert butyl alcohol	3.06	59	311481	212.139	ug/l	100
12) 1,1-Dichloroethene	2.37	96	260706	47.799	ug/l	99
13) Acrolein	2.29	56	267877	270.442	ug/l	99
14) Allyl chloride	2.73	41	451243	49.151	ug/l	100
15) Acrylonitrile	3.15	53	790118	242.363	ug/l	100
16) Acetone	2.45	43	877502	290.307	ug/l	99
17) Carbon Disulfide	2.57	76	614543	42.577	ug/l	99
18) Methyl Acetate	2.78	43	463870	52.190	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	939488	51.898	ug/l	99
20) Methylene Chloride	2.85	84	300988	48.155	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	279416	46.236	ug/l	97
22) Diisopropyl ether	3.87	45	919469	54.745	ug/l	97
23) Vinyl Acetate	3.82	43	3775402	274.811	ug/l	98
24) 1,1-Dichloroethane	3.70	63	512133	51.080	ug/l	99
25) 2-Butanone	4.70	43	1107325	260.439	ug/l	98
26) 2,2-Dichloropropane	4.58	77	402685	51.994	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	328584	49.281	ug/l	98
28) Bromochloromethane	5.02	49	229480	54.461	ug/l	97
29) Tetrahydrofuran	5.15	42	664276	237.212	ug/l	97
30) Chloroform	5.21	83	518948	49.982	ug/l	99
31) Cyclohexane	5.57	56	393676	43.221	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	447723	51.070	ug/l	99
36) 1,1-Dichloropropene	5.80	75	382019	52.804	ug/l	99
37) Ethyl Acetate	4.85	43	390455	51.853	ug/l	99
38) Carbon Tetrachloride	5.78	117	388622	55.273	ug/l	99

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 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	390565	41.006	ug/l	99
40) Benzene	6.14	78	1148967	52.247	ug/l	99
41) Methacrylonitrile	5.06	41	221808	55.482	ug/l	98
42) 1,2-Dichloroethane	6.20	62	392858	52.426	ug/l	99
43) Isopropyl Acetate	6.46	43	650275	56.757	ug/l	98
44) Trichloroethene	7.21	130	338348	50.834	ug/l	95
45) 1,2-Dichloropropane	7.51	63	291615	54.492	ug/l	98
46) Dibromomethane	7.66	93	204216	51.880	ug/l	96
47) Bromodichloromethane	7.90	83	372115	56.940	ug/l	98
48) Methyl methacrylate	7.77	41	332525	57.073	ug/l	98
49) 1,4-Dioxane	7.75	88	128825	841.931	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	2024067	277.655	ug/l	100
52) Toluene	8.78	92	744981	52.437	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	424401	60.552	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	459684	59.773	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	315003	54.169	ug/l	98
56) Ethyl methacrylate	9.18	69	470156	57.203	ug/l	95
57) 1,3-Dichloropropane	9.37	76	503111	53.774	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1313847	300.721	ug/l	99
59) 2-Hexanone	9.49	43	1625066	291.355	ug/l	99
60) Dibromochloromethane	9.59	129	331242	54.255	ug/l	98
61) 1,2-Dibromoethane	9.67	107	333996	54.029	ug/l	99
64) Tetrachloroethene	9.34	164	310978	49.445	ug/l	96
65) Chlorobenzene	10.13	112	875051	52.076	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	315706	60.220	ug/l	100
67) Ethyl Benzene	10.25	91	1420250	51.725	ug/l	99
68) m/p-Xylenes	10.36	106	1121730	103.531	ug/l	99
69) o-Xylene	10.69	106	555965	51.964	ug/l	98
70) Styrene	10.71	104	932217	55.074	ug/l	99
71) Bromoform	10.85	173	248517	52.325	ug/l	100
73) Isopropylbenzene	11.02	105	1383256	50.816	ug/l	99
74) N-amyl acetate	10.90	43	608934	62.497	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	457299	56.488	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	437745m	59.198	ug/l	
77) Bromobenzene	11.26	156	408467	55.504	ug/l	98
78) n-propylbenzene	11.36	91	1524252	50.850	ug/l	99
79) 2-Chlorotoluene	11.42	91	936919	51.577	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1098869	49.011	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	134035	54.726	ug/l	98
82) 4-Chlorotoluene	11.51	91	1110823	53.310	ug/l	99
83) tert-Butylbenzene	11.77	119	1082333	48.233	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1137291	48.225	ug/l	100
85) sec-Butylbenzene	11.94	105	1255331	45.628	ug/l	100
86) p-Isopropyltoluene	12.06	119	1128338	46.655	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	691958	52.171	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	706028	51.927	ug/l	100
89) n-Butylbenzene	12.38	91	965919	46.930	ug/l	98
90) Hexachloroethane	12.60	117	168295	44.828	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	684458	51.588	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	90888	54.259	ug/l	100

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ALS Vial : 2 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

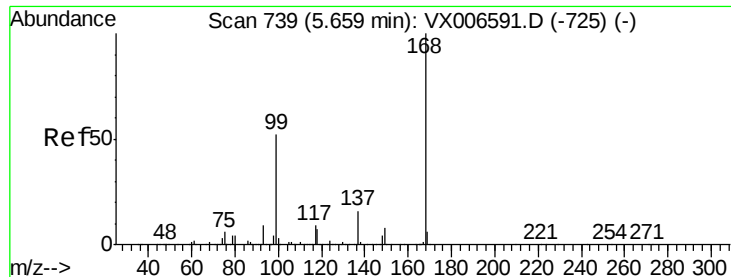
Manual Integrations
APPROVED

MMDadoda
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Quant Time: Dec 28 03:26:32 2018
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Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	410344	44.836	ug/l	99
94) Hexachlorobutadiene	13.78	225	171947	39.860	ug/l	98
95) Naphthalene	13.83	128	1241343	42.497	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	389018	41.169	ug/l	99

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



#1

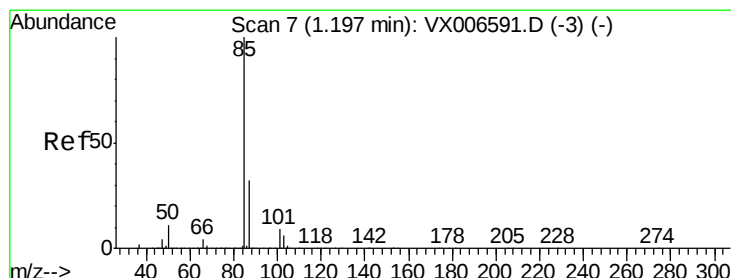
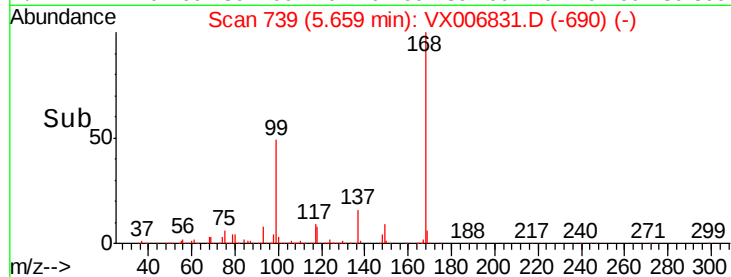
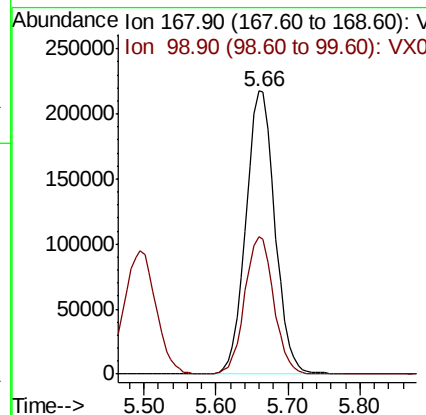
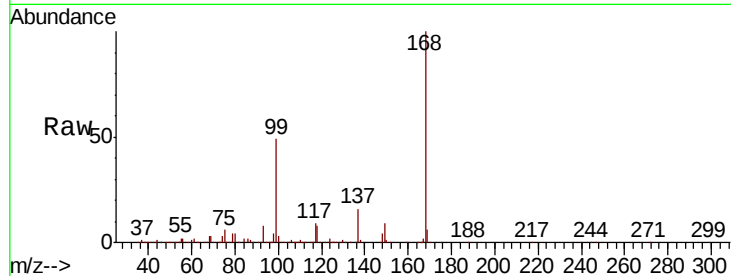
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
168	100		
99	48.3	41.8	62.8

Manual Integrations
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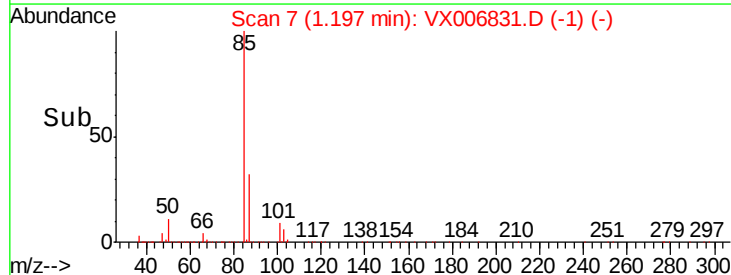
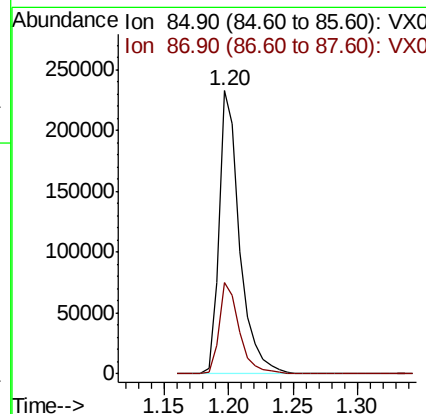
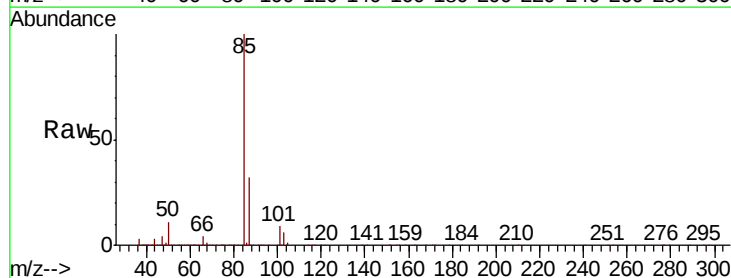
MMDadoda
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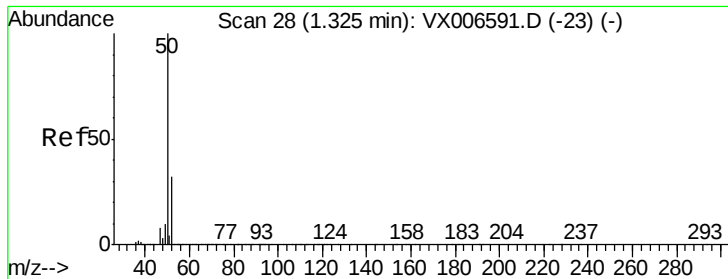


#2

Dichlorodifluoromethane
 Concen: 46.979 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
85	100		
87	32.3	15.9	47.6





#3

Chloromethane

Concen: 44.409 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.01 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 50 Resp: 267188

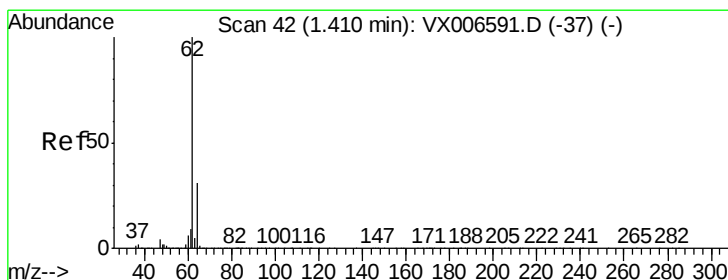
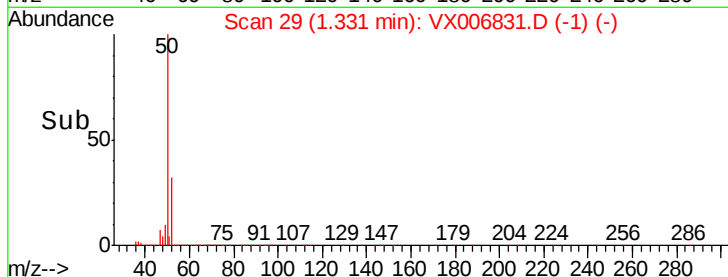
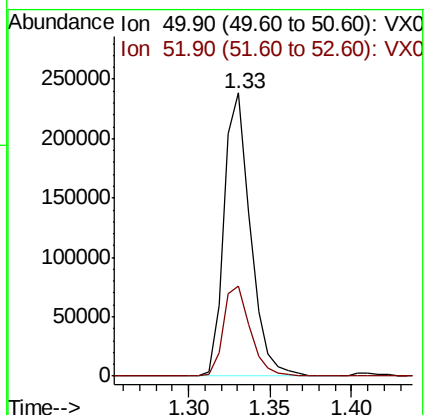
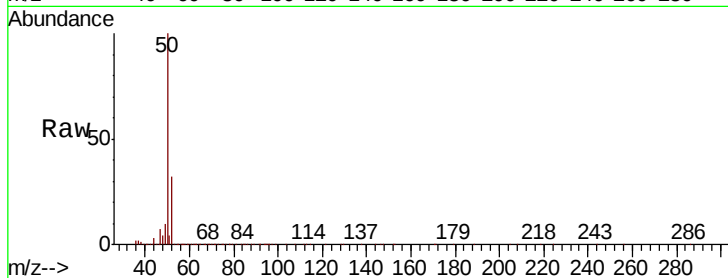
Ion Ratio Lower Upper

50 100

52 31.7 25.4 38.2

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#4

Vinyl Chloride

Concen: 47.068 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006831.D

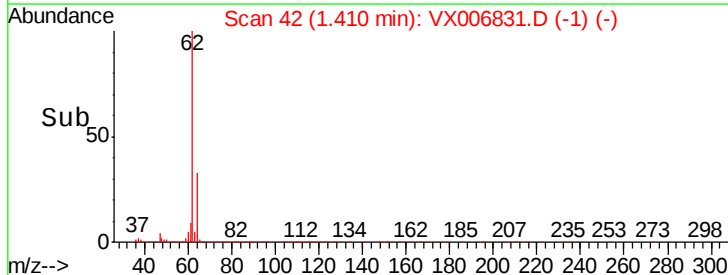
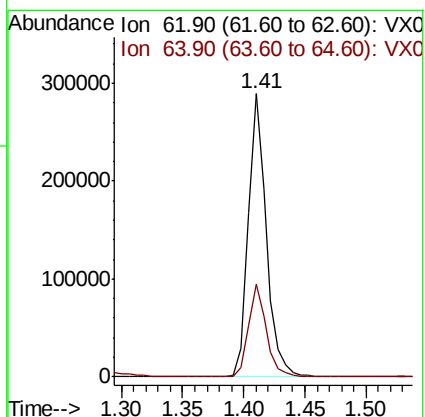
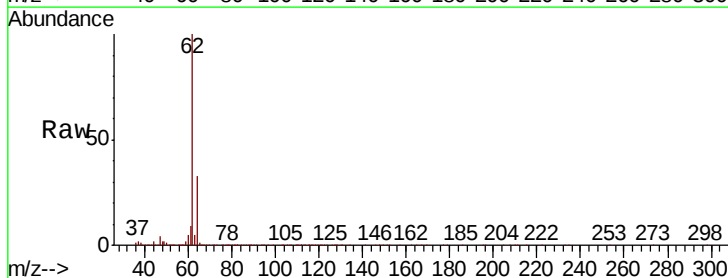
Acq: 27 Dec 2018 10:01

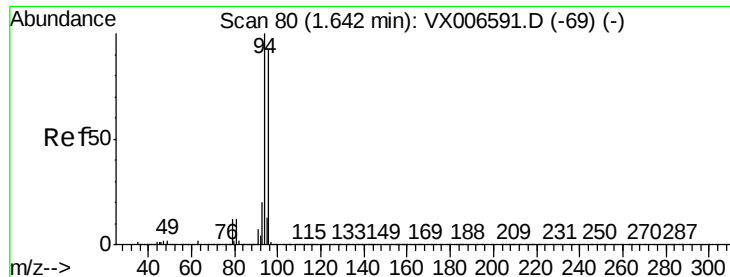
Tgt Ion: 62 Resp: 295759

Ion Ratio Lower Upper

62 100

64 32.7 25.1 37.7





#5

Bromomethane

Concen: 43.849 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 94 Resp: 258511

Ion Ratio Lower Upper

94 100

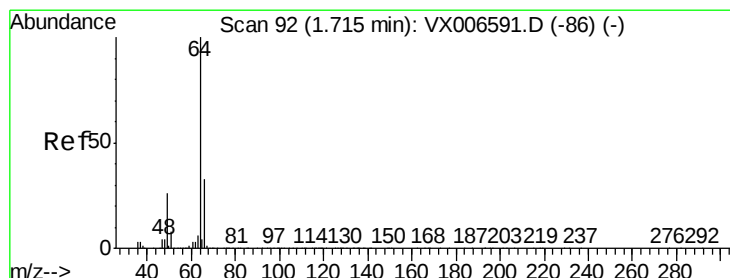
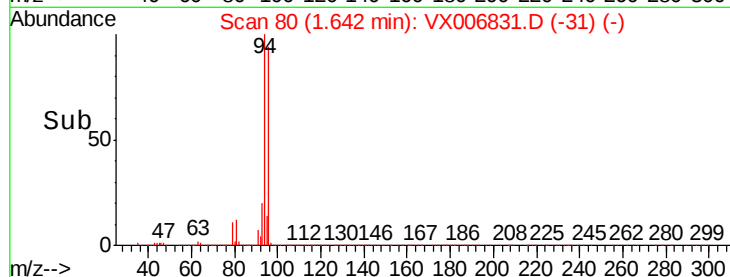
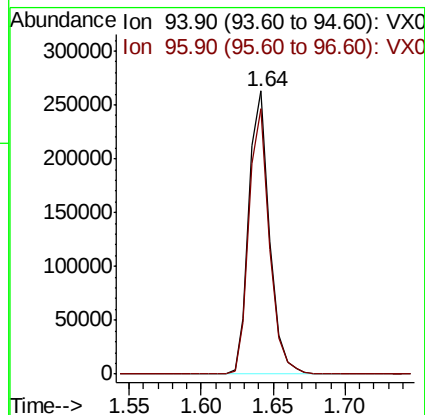
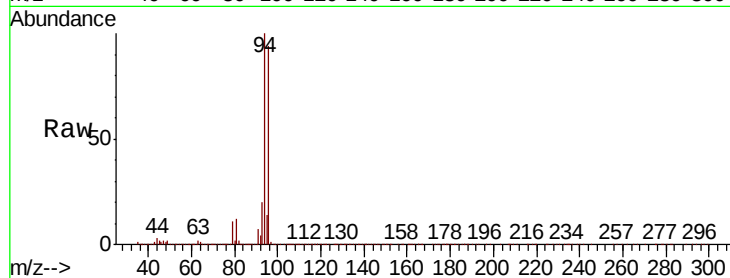
96 93.7 73.4 110.2

Manual Integrations

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#6

Chloroethane

Concen: 44.154 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX006831.D

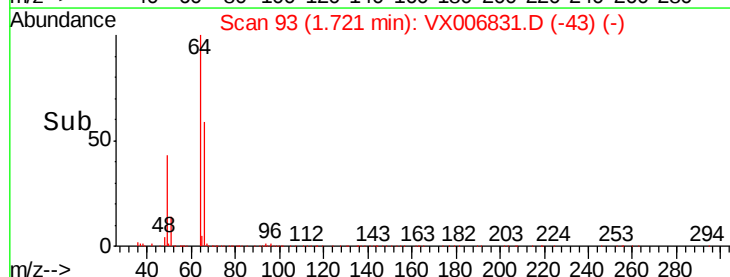
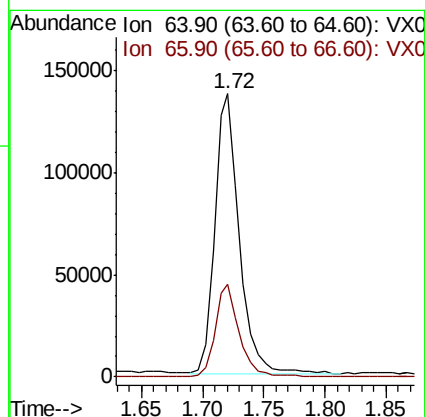
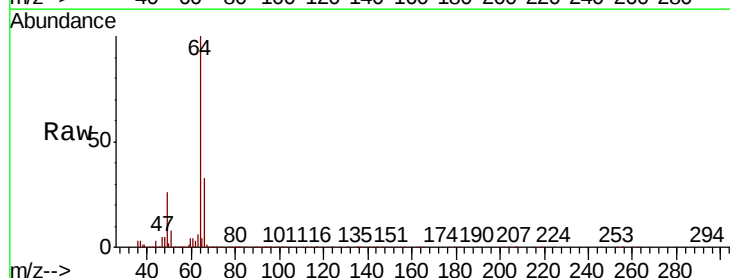
Acq: 27 Dec 2018 10:01

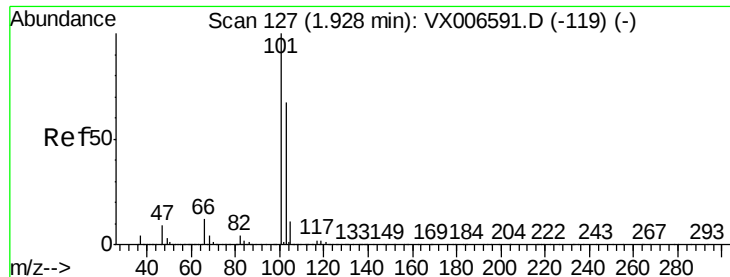
Tgt Ion: 64 Resp: 192111

Ion Ratio Lower Upper

64 100

66 33.0 26.4 39.6





#7

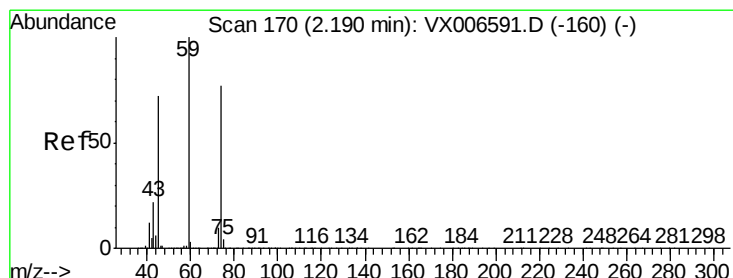
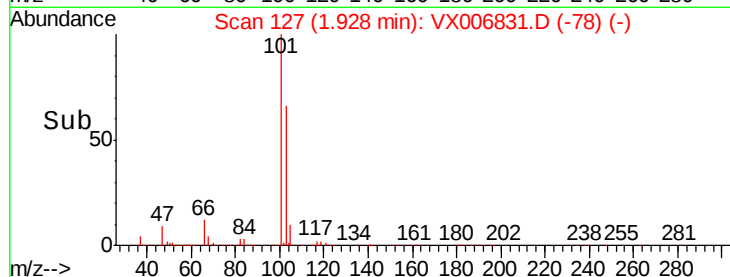
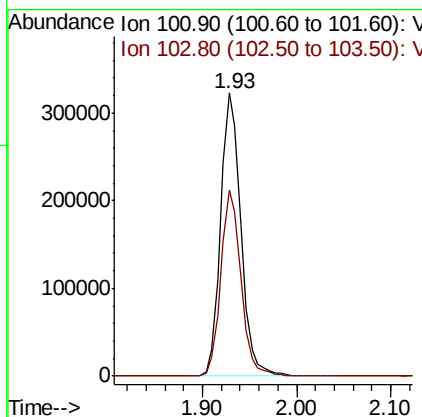
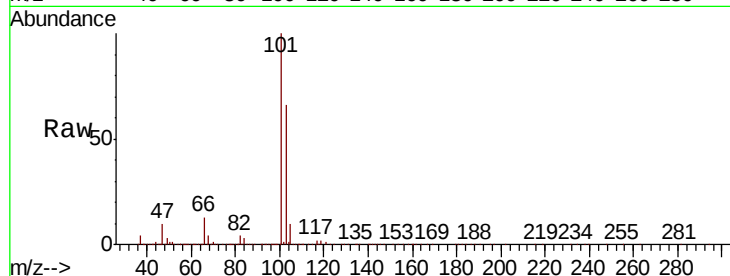
Trichlorofluoromethane
Concen: 49.280 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

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MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
101	100		
103	65.8	53.2	79.8

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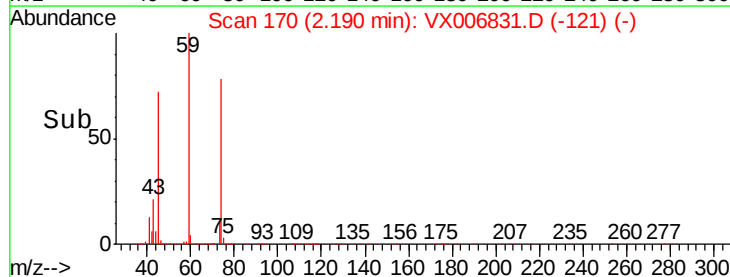
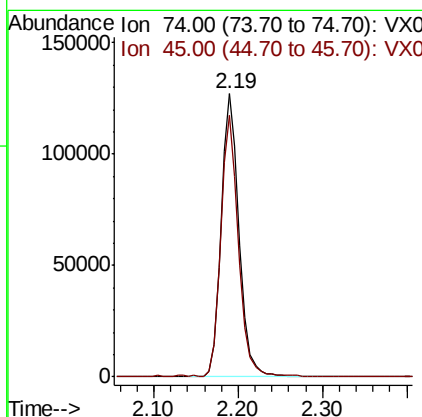
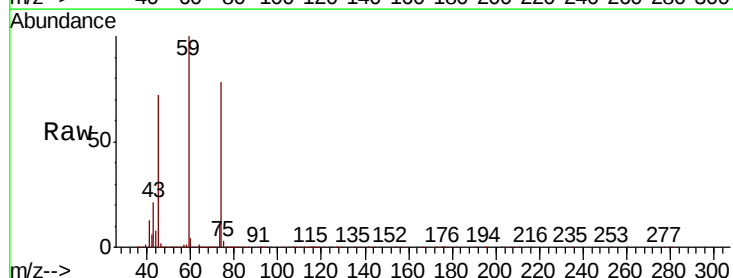
MMDadoda
12/28/2018 10:27:56 AM

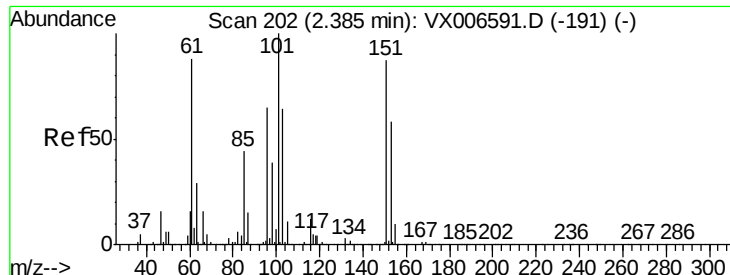


#8

Diethyl Ether
Concen: 47.806 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
74	100		
45	90.4	46.3	138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.015 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

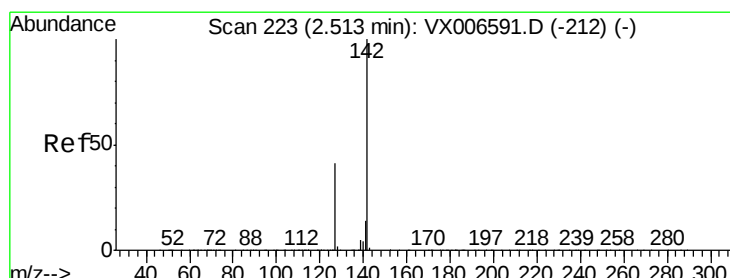
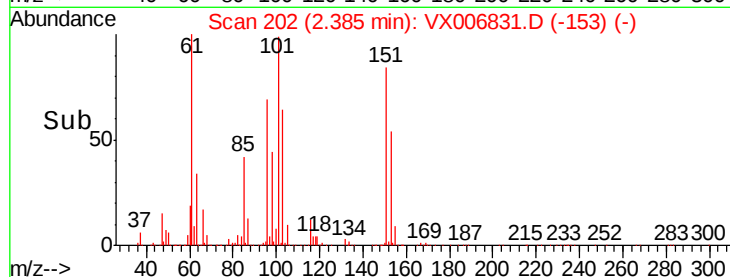
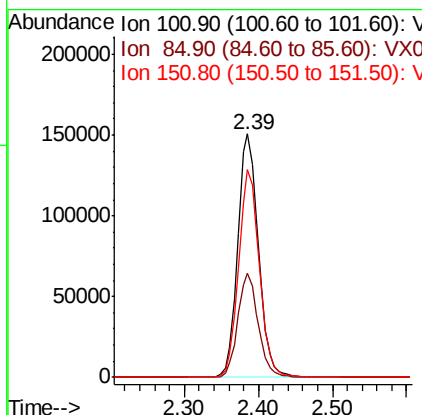
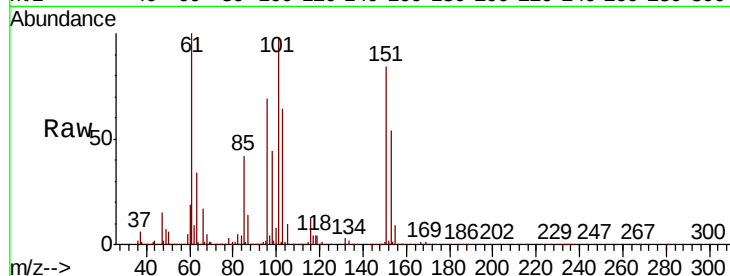
ClientSampleId :

VSTDCCC050

Tot Ion:	101	Resp:	293448
Ion Ratio	Lower	Upper	
101	100		
85	42.6	35.1	52.7
151	85.5	68.9	103.3

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#10

Methyl Iodide

Concen: 46.303 ug/l

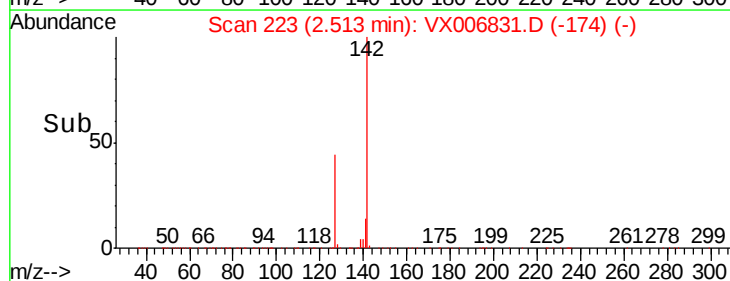
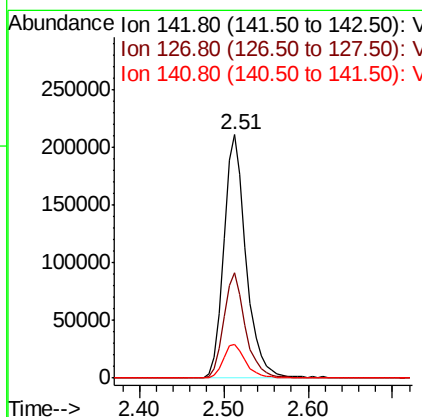
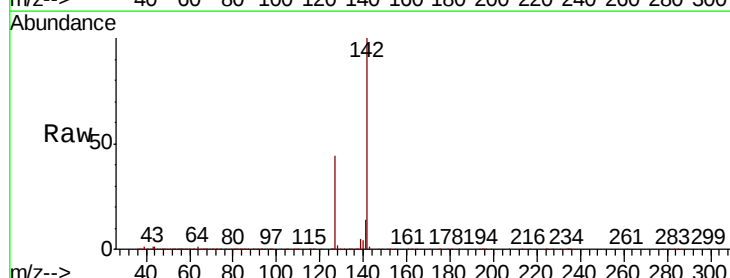
RT: 2.51 min Scan# 223

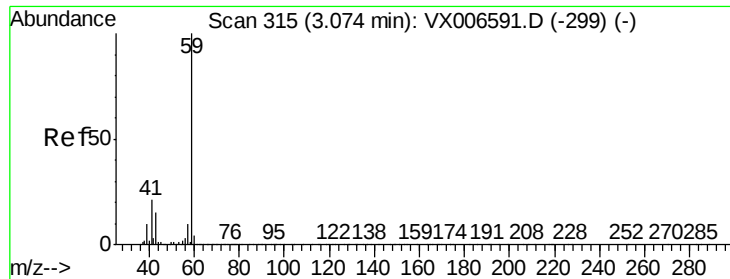
Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Tgt Ion:	142	Resp:	381259
Ion Ratio	Lower	Upper	
142	100		
127	42.2	33.9	50.9
141	14.2	11.4	17.0





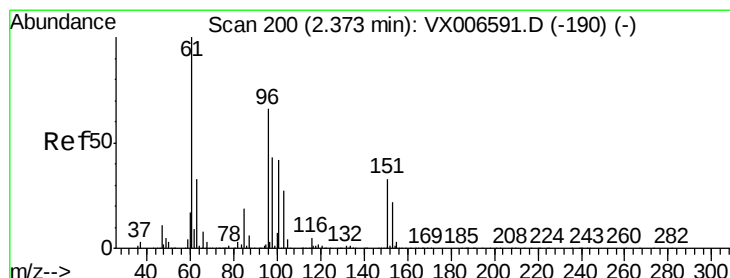
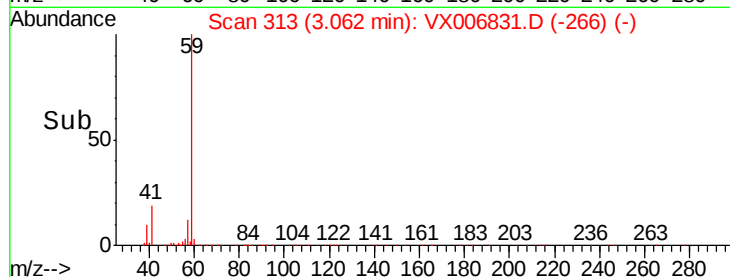
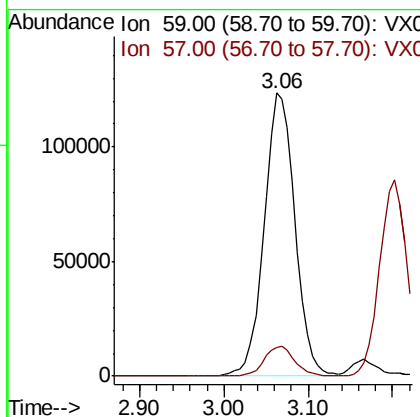
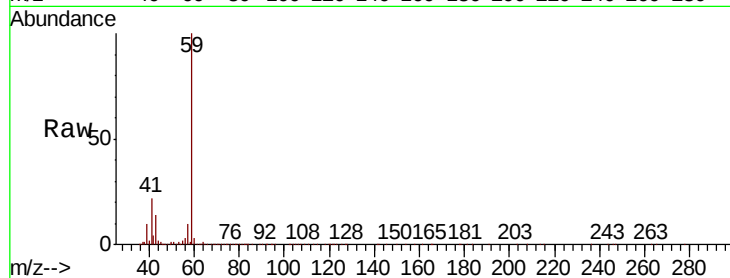
#11
Tert butyl alcohol
Concen: 212.139 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.7	8.5	12.7

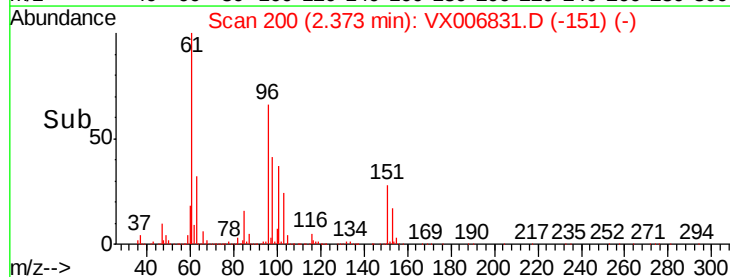
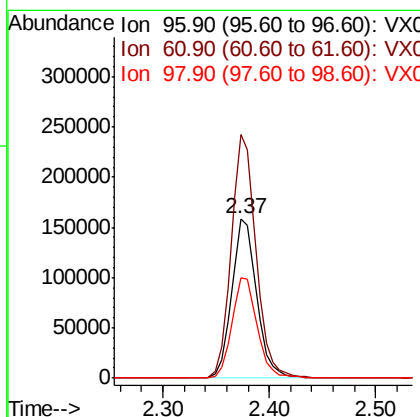
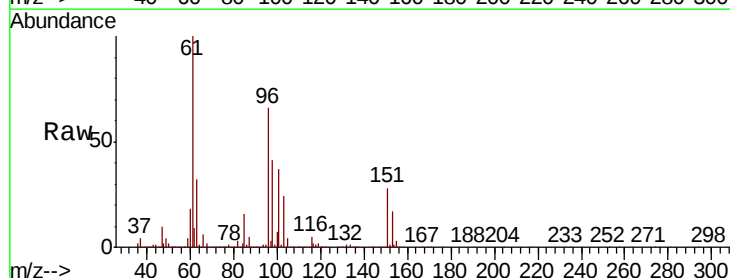
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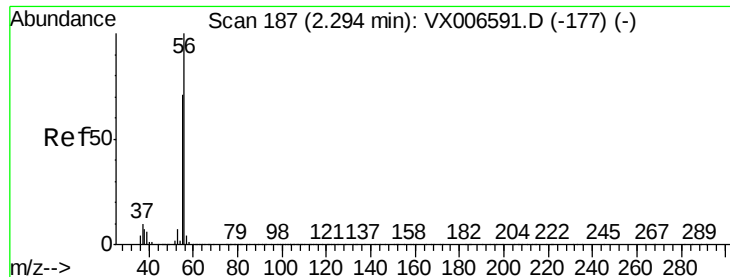
MMDadoda
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#12
1,1-Dichloroethene
Concen: 47.799 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
96	100		
61	152.3	121.4	182.2
98	62.8	51.9	77.9





#13

Acrolein

Concen: 270.442 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 56 Resp: 267877

Ion Ratio Lower Upper

56 100

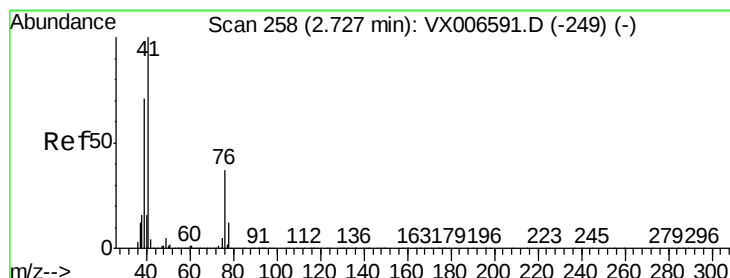
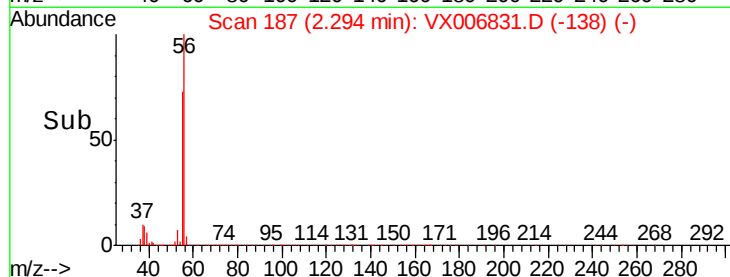
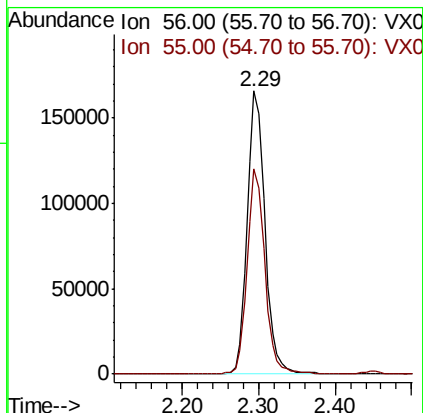
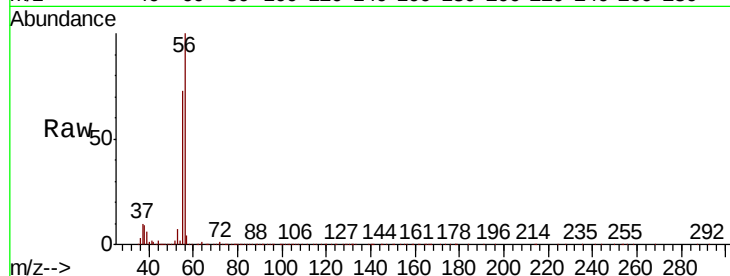
55 72.0 58.2 87.4

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#14

Allyl chloride

Concen: 49.151 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

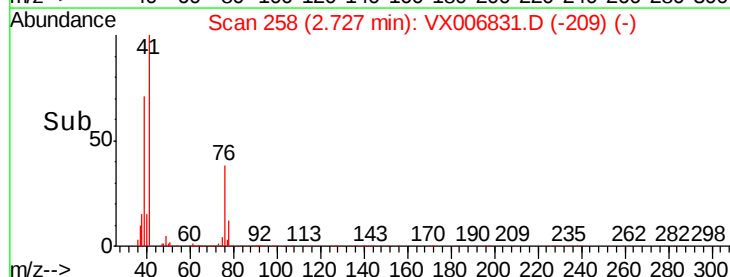
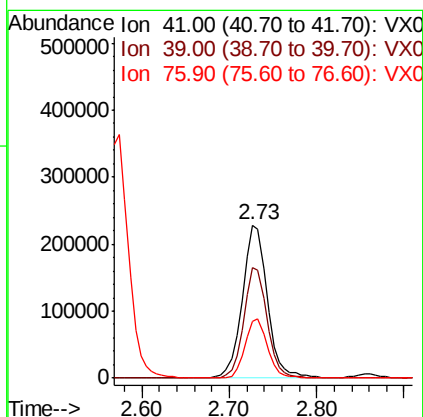
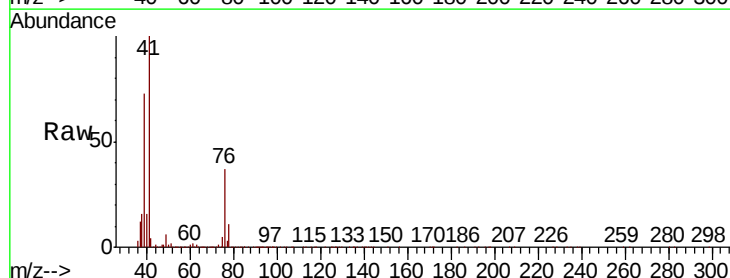
Tgt Ion: 41 Resp: 451243

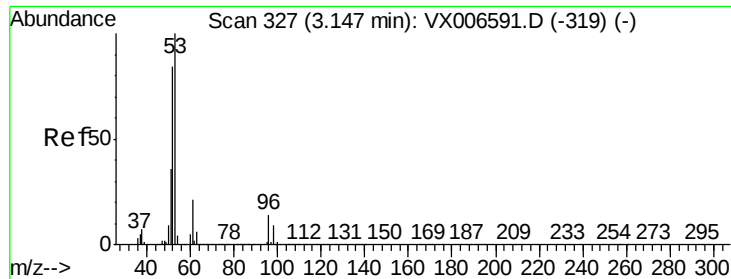
Ion Ratio Lower Upper

41 100

39 67.0 53.6 80.4

76 34.7 27.4 41.2





#15

Acrylonitrile

Concen: 242.363 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

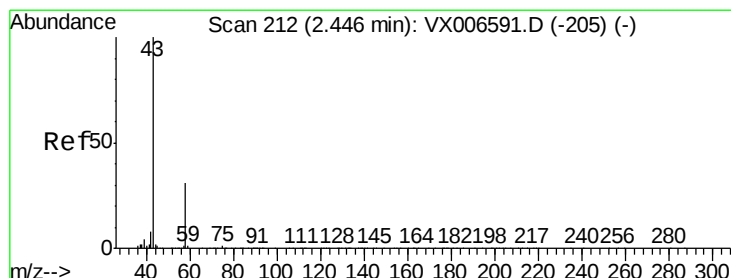
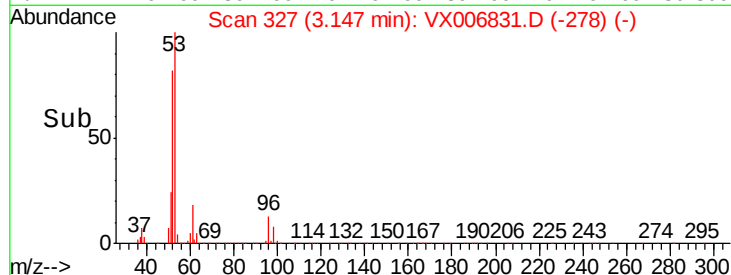
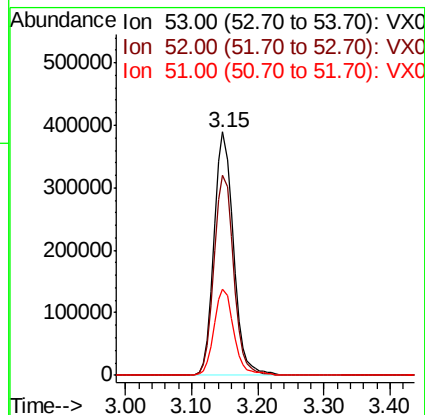
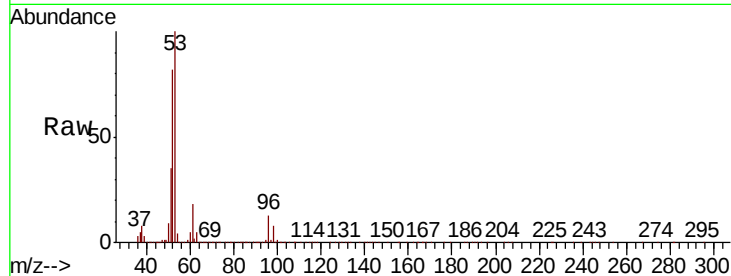
ClientSampleId :

VSTDCCC050

Tot Ion:	53	Resp:	790118
Ion Ratio		Lower	Upper
53	100		
52	83.1	66.0	99.0
51	35.7	28.6	42.8

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#16

Acetone

Concen: 290.307 ug/l

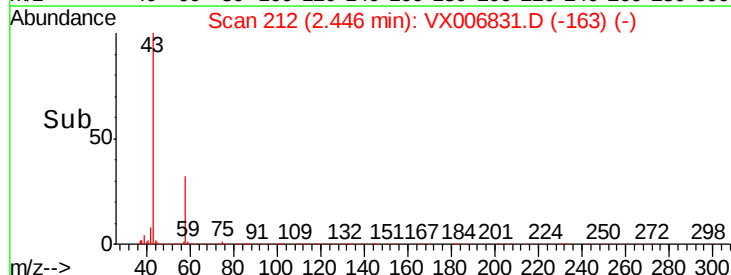
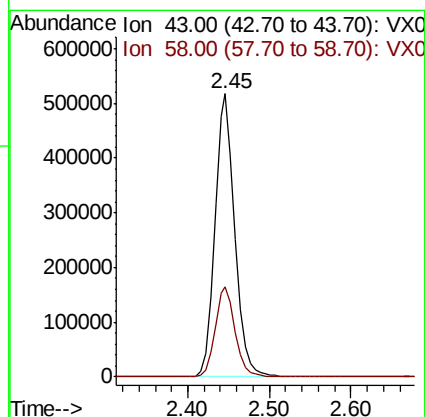
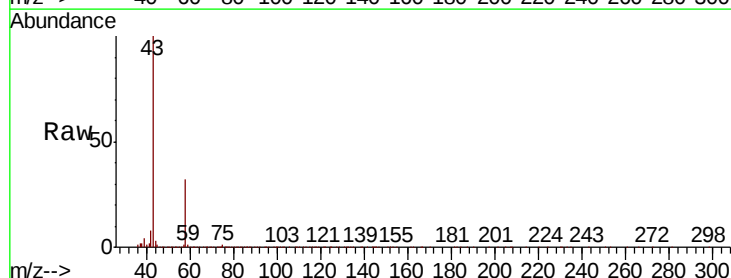
RT: 2.45 min Scan# 212

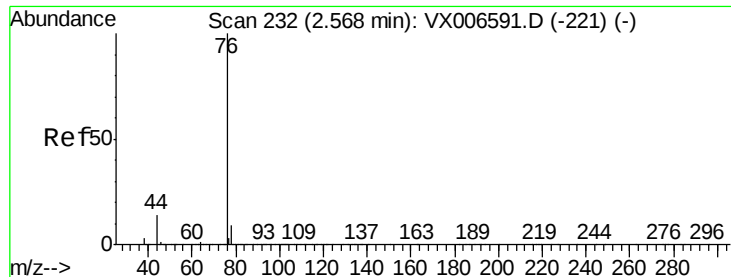
Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Tgt Ion:	43	Resp:	877502
Ion Ratio		Lower	Upper
43	100		
58	32.0	25.0	37.6





#17

Carbon Disulfide

Concen: 42.577 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 614543

Ion Ratio Lower Upper

76 100

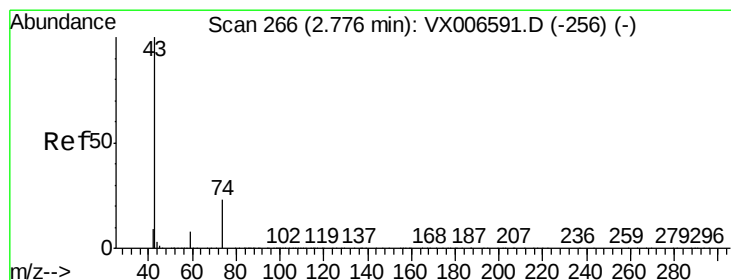
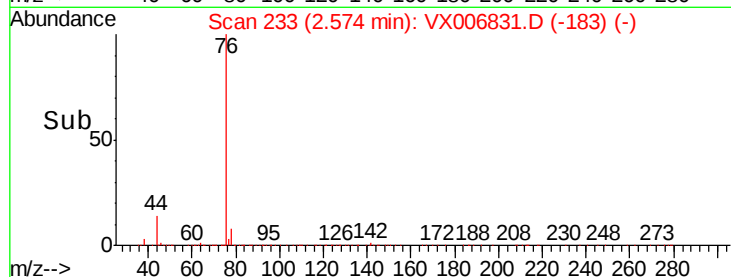
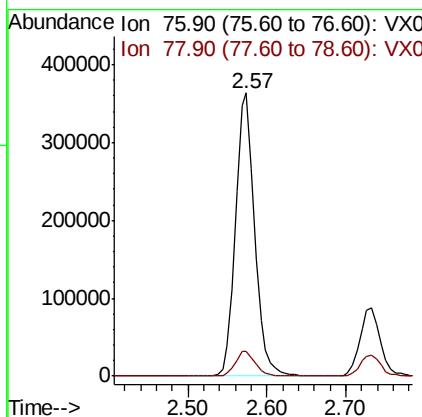
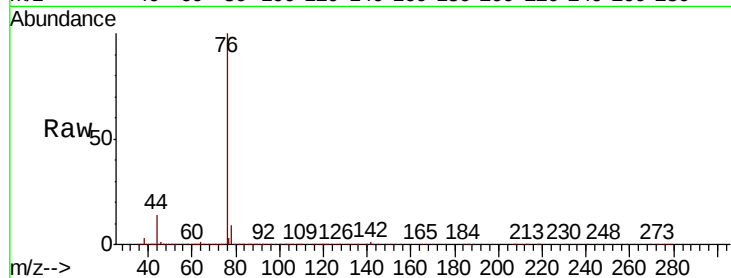
78 8.5 7.0 10.6

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#18

Methyl Acetate

Concen: 52.190 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006831.D

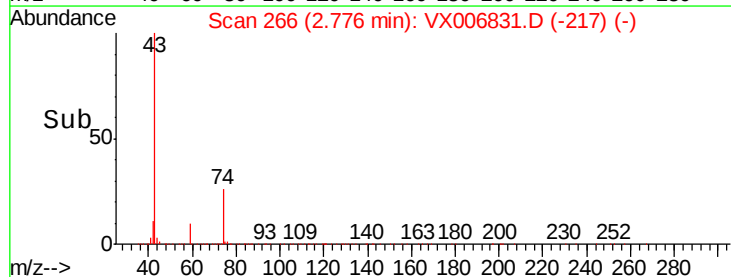
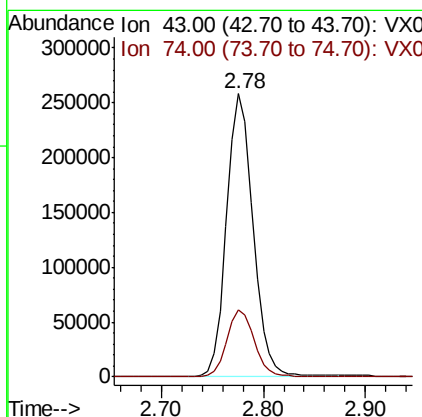
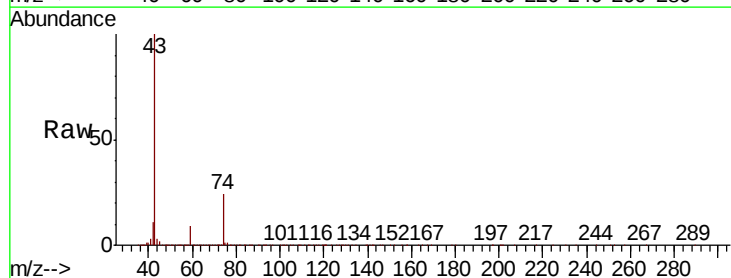
Acq: 27 Dec 2018 10:01

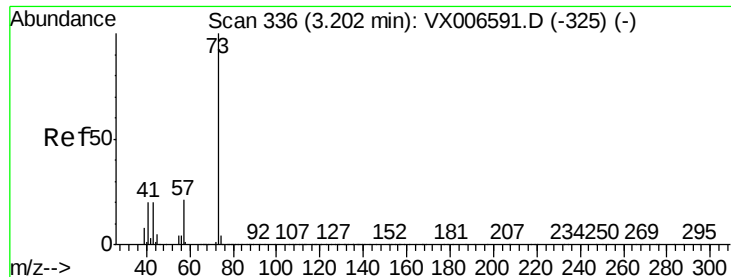
Tgt Ion: 43 Resp: 463870

Ion Ratio Lower Upper

43 100

74 24.7 18.6 28.0





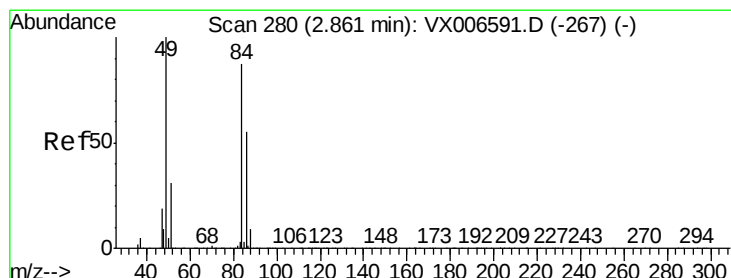
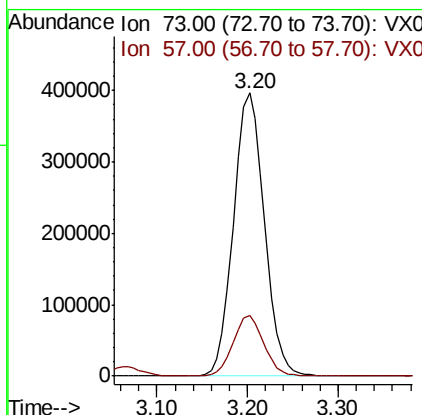
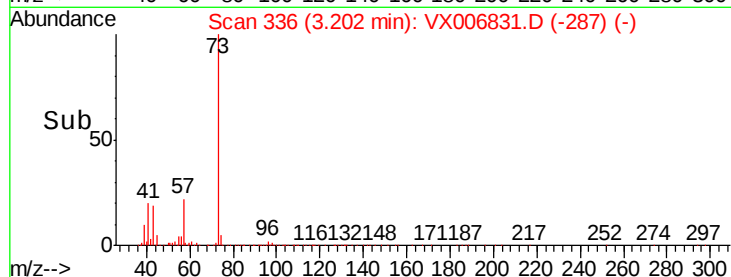
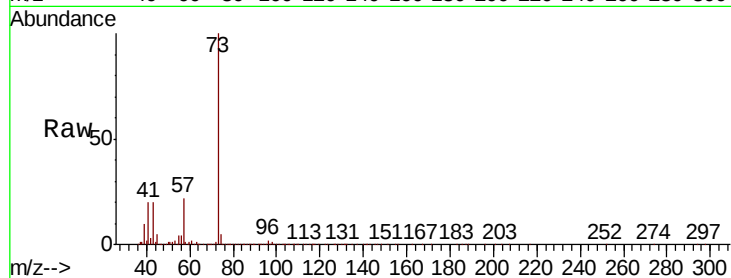
#19
Methvl tert-butvl Ether
Concen: 51.898 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
73	100		
57	21.5	16.8	25.2

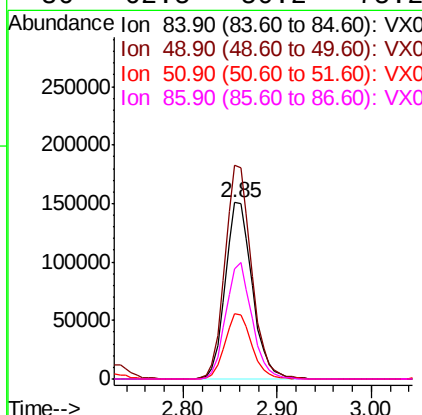
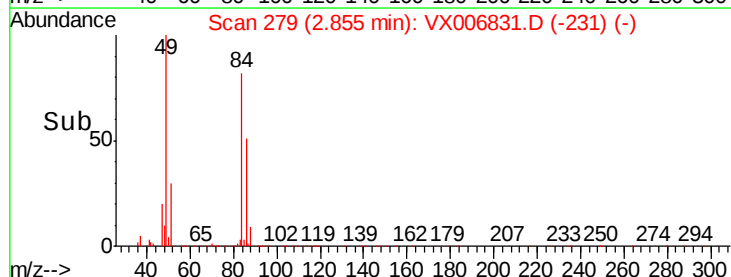
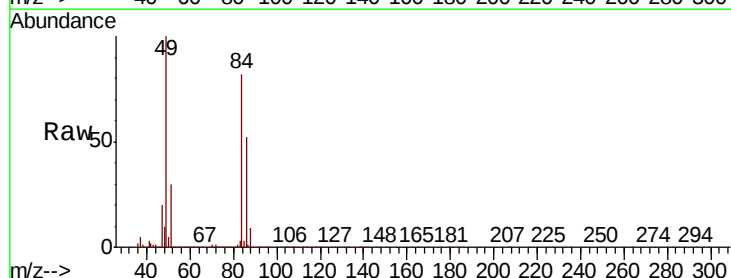
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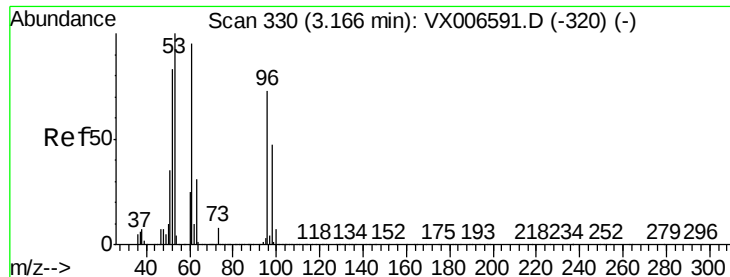
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#20
Methylene Chloride
Concen: 48.155 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
84	100		
49	121.2	91.8	137.6
51	36.7	28.5	42.7
86	62.5	50.2	75.2





#21

trans-1,2-Dichloroethene

Concen: 46.236 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

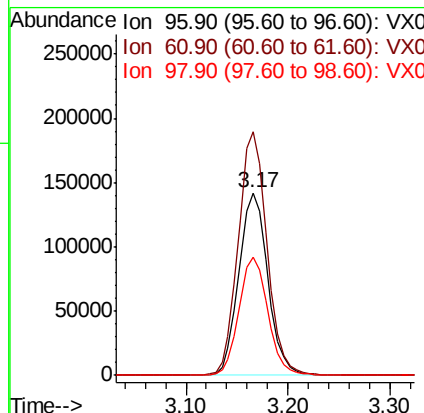
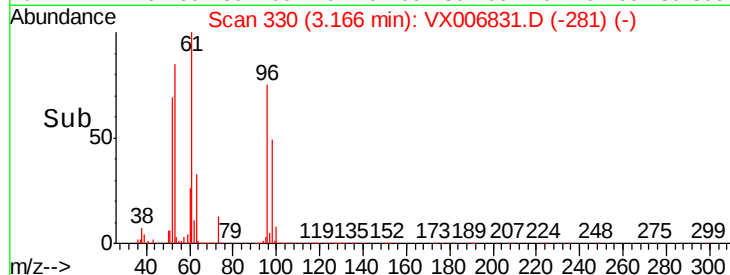
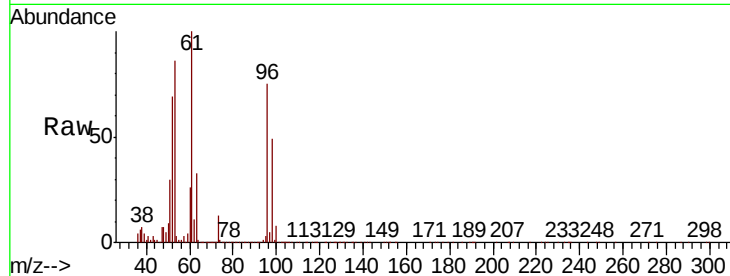
ClientSampleId :

VSTDCCC050

Tot Ion:	96	Resp:	279416
Ion	Ratio	Lower	Upper
96	100		
61	133.3	103.7	155.5
98	65.0	51.0	76.6

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#22

Diisopropyl ether

Concen: 54.745 ug/l

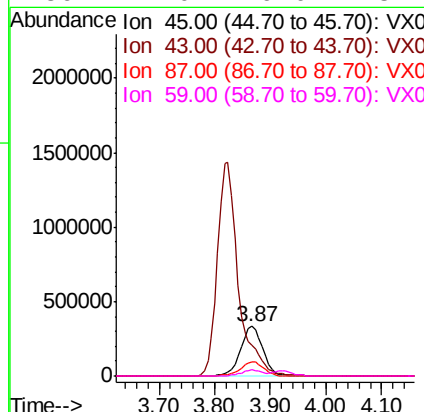
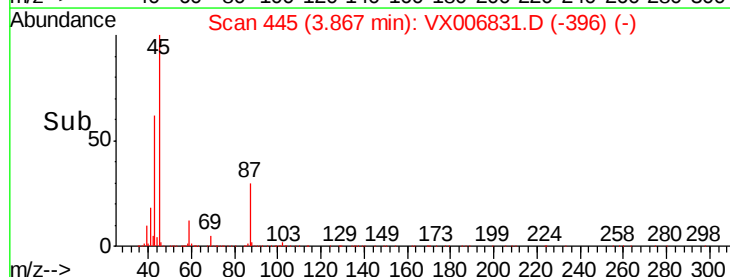
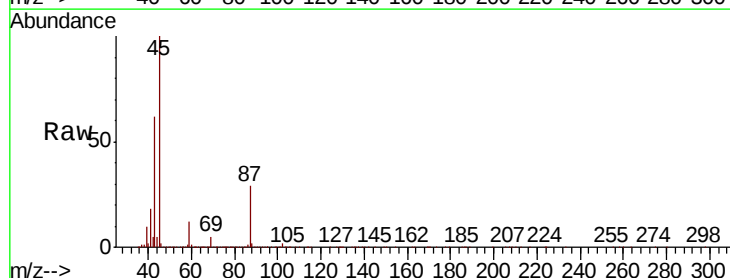
RT: 3.87 min Scan# 445

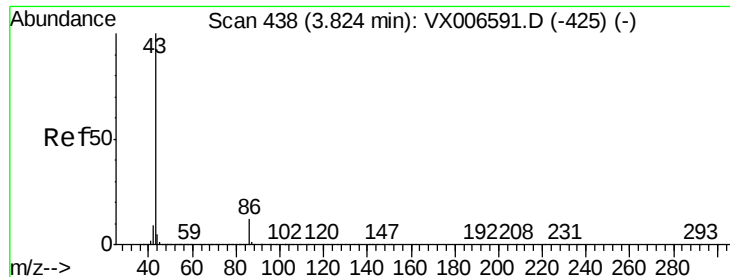
Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Tgt Ion:	45	Resp:	919469
Ion	Ratio	Lower	Upper
45	100		
43	62.3	51.2	76.8
87	29.4	25.8	38.6
59	12.0	9.0	13.4





#23

Vinyl Acetate

Concen: 274.811 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 3775402

Ion Ratio Lower Upper

43 100

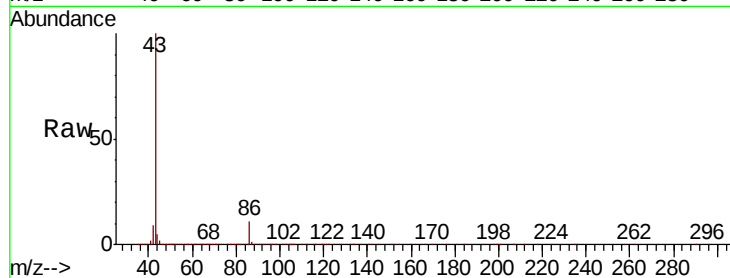
86 10.7 9.2 13.8

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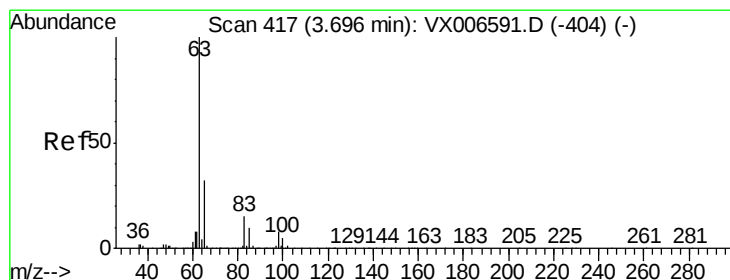
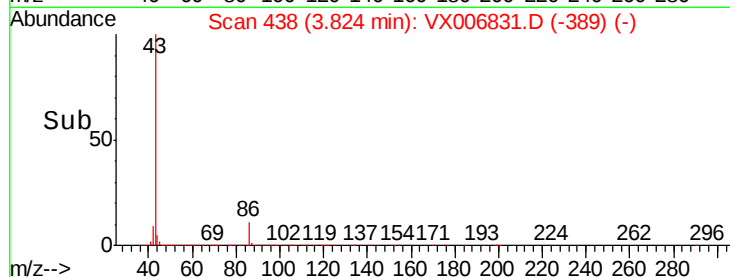
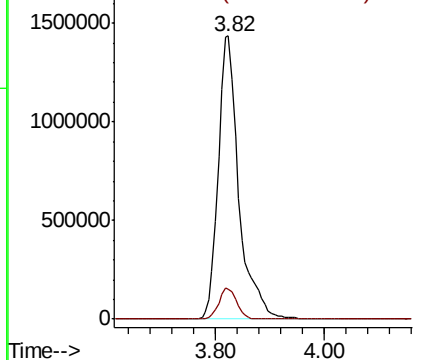
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Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 51.080 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

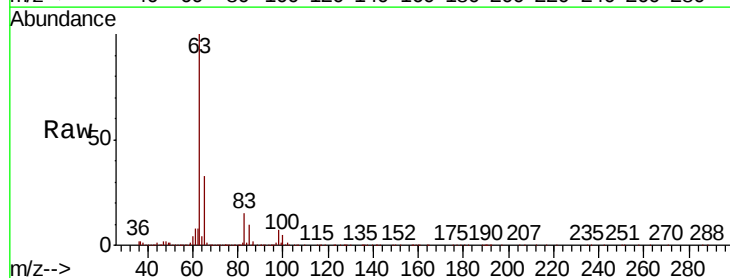
Tgt Ion: 63 Resp: 512133

Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

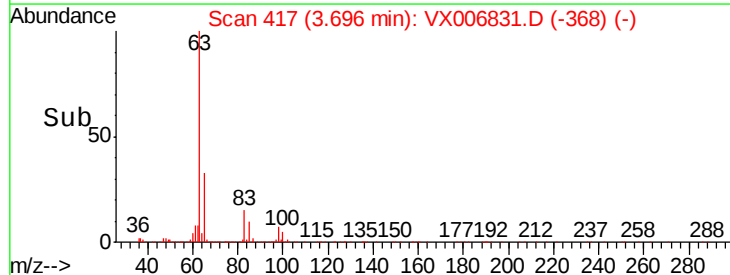
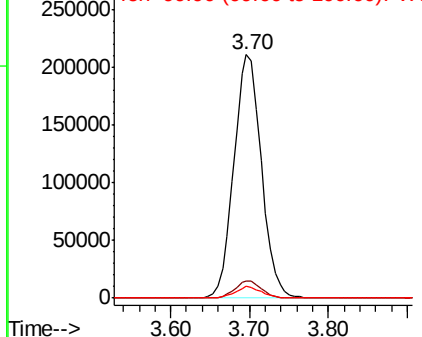
100 4.8 2.4 7.2

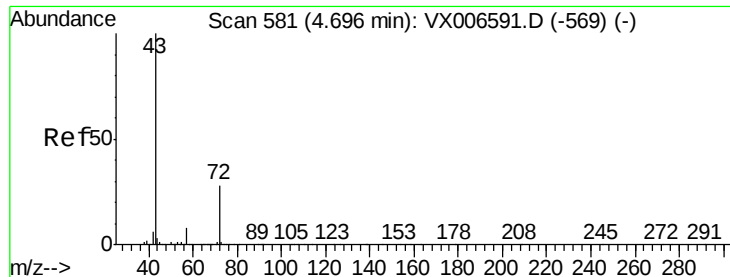


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 260.439 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 1107325

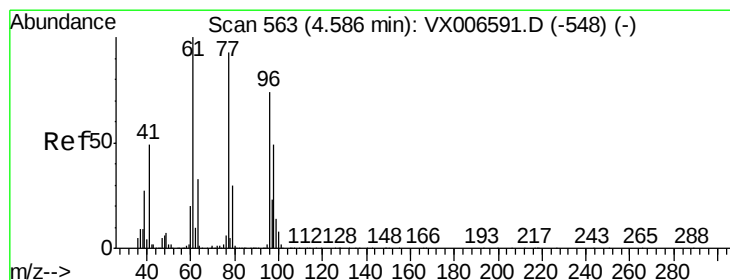
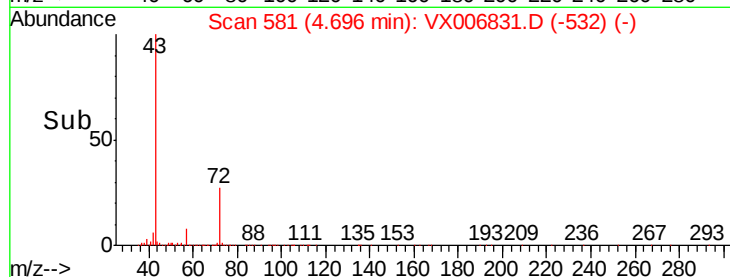
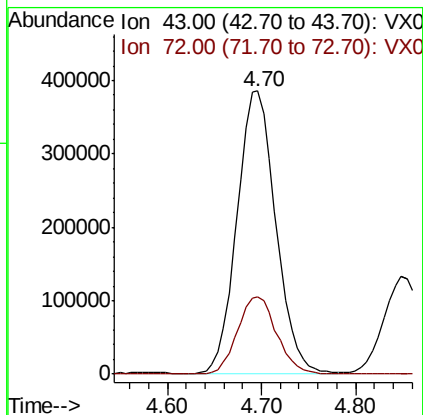
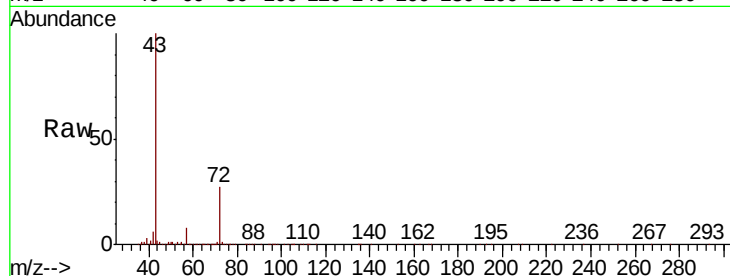
Ion Ratio Lower Upper

43 100

72 27.2 22.4 33.6

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#26

2,2-Dichloropropane

Concen: 51.994 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX006831.D

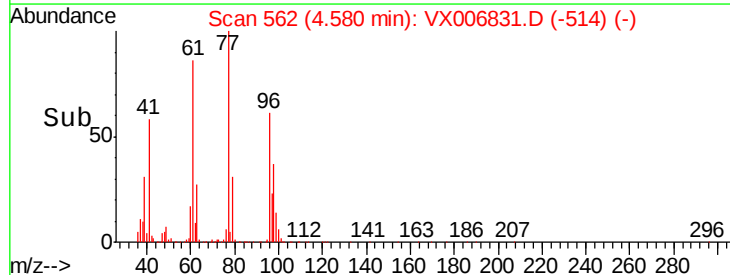
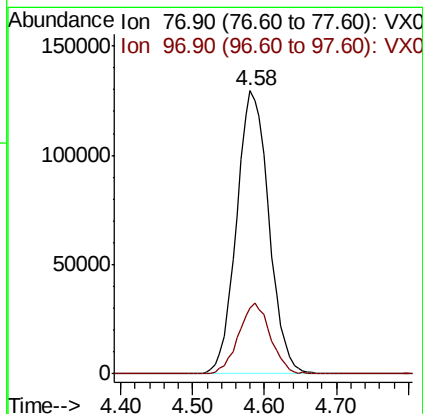
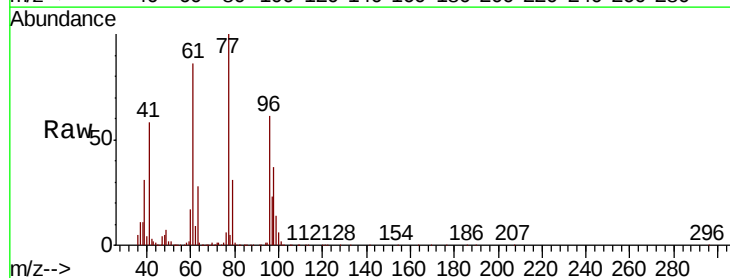
Acq: 27 Dec 2018 10:01

Tgt Ion: 77 Resp: 402685

Ion Ratio Lower Upper

77 100

97 24.8 12.4 37.4





#27

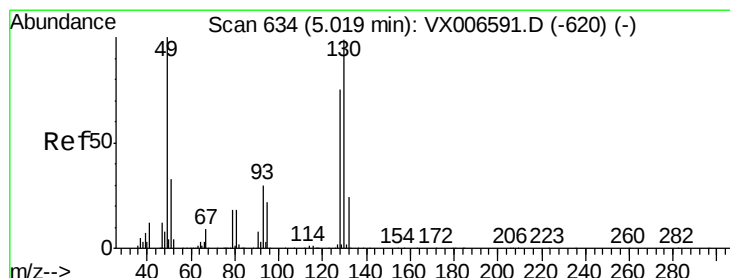
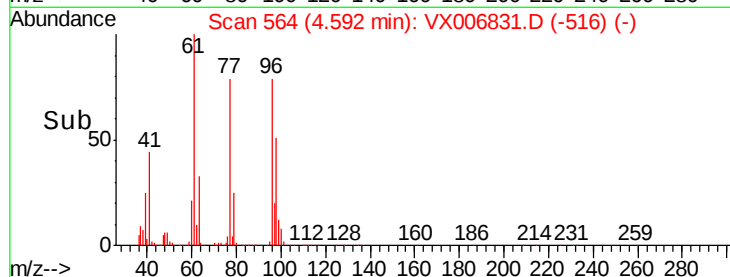
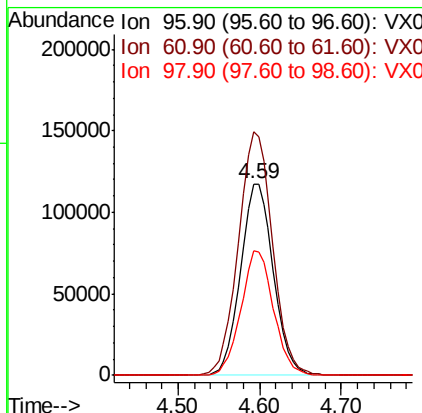
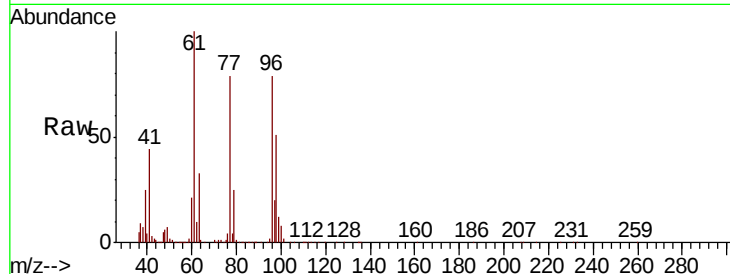
cis-1,2-Dichloroethene
 Concen: 49.281 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	258.6
98	64.2	0.0	132.0

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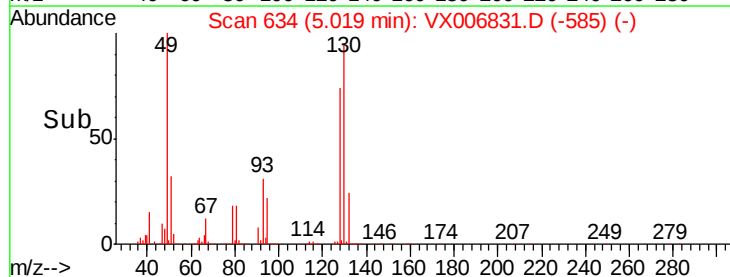
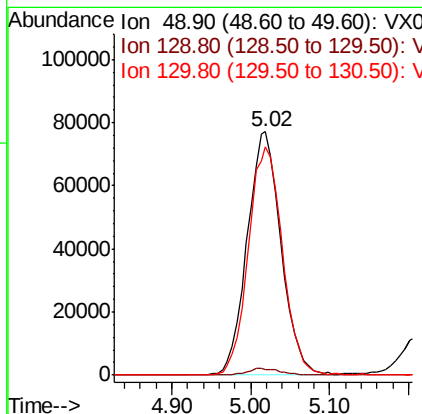
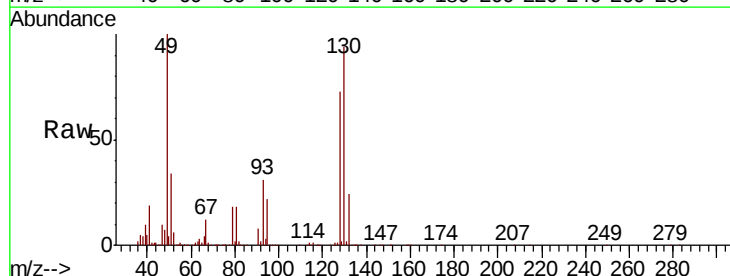
MMDadoda
 12/28/2018 10:27:56 AM

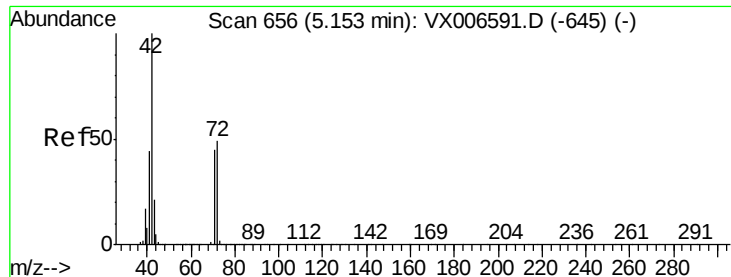


#28

Bromochloromethane
 Concen: 54.461 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. 0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	94.2	77.7	116.5





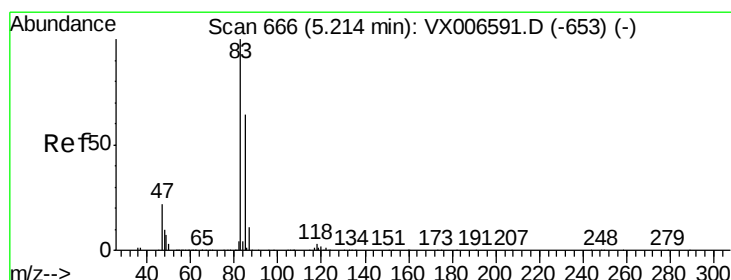
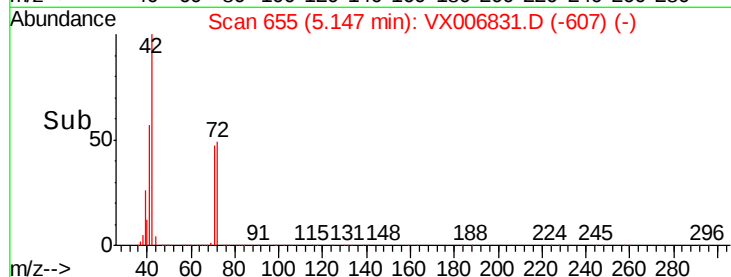
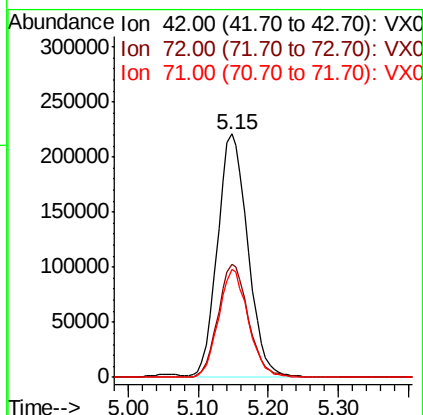
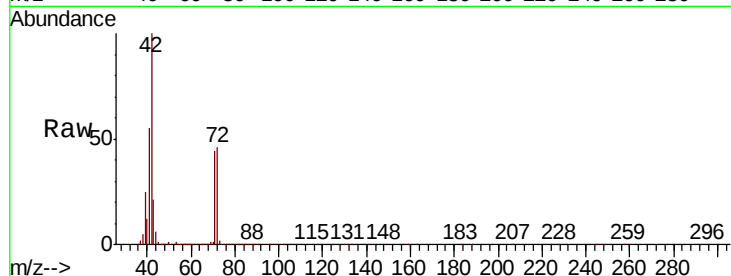
#29
Tetrahydrofuran
Concen: 237.212 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.8	38.9	58.3
71	43.5	36.2	54.4

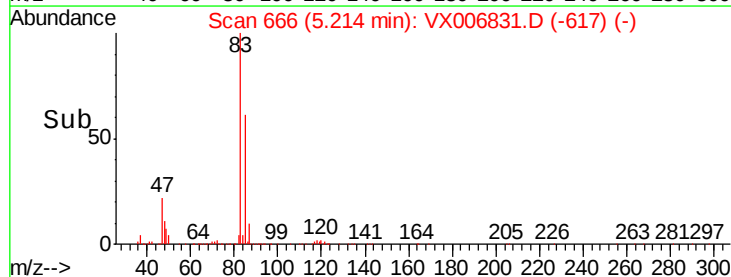
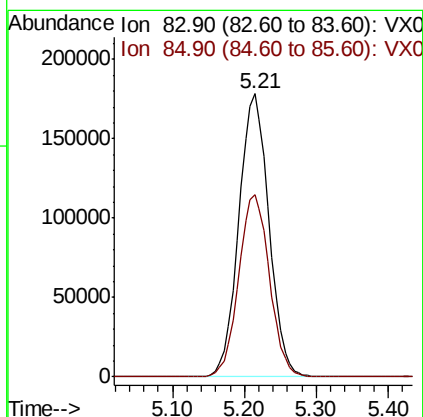
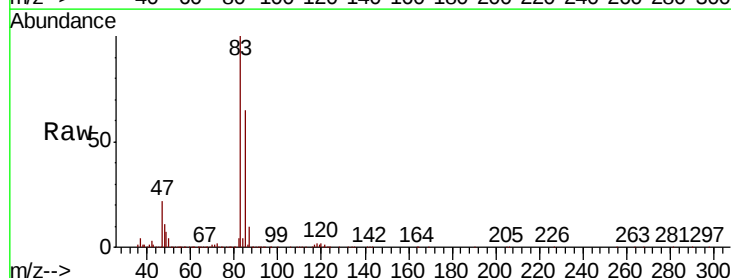
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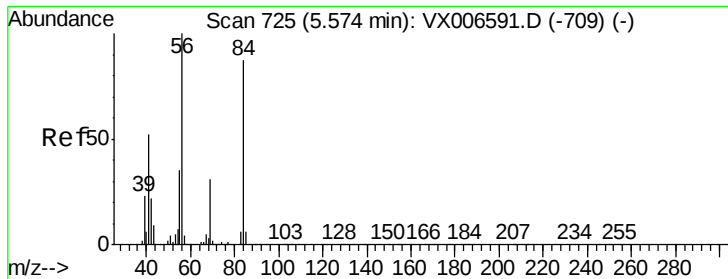
MMDadoda
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#30
Chloroform
Concen: 49.982 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.6	51.2	76.8





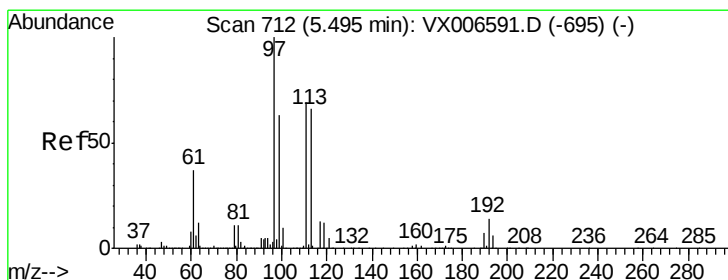
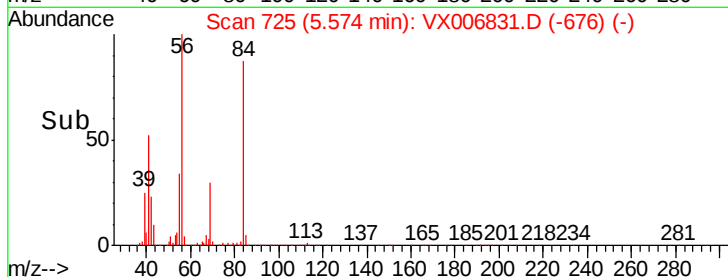
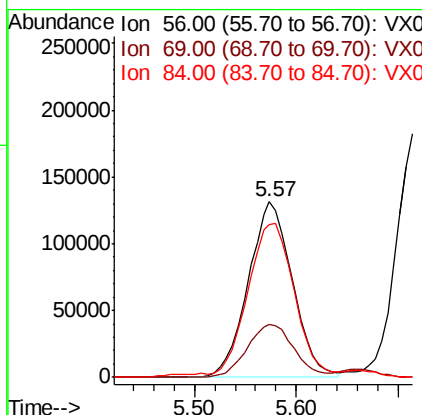
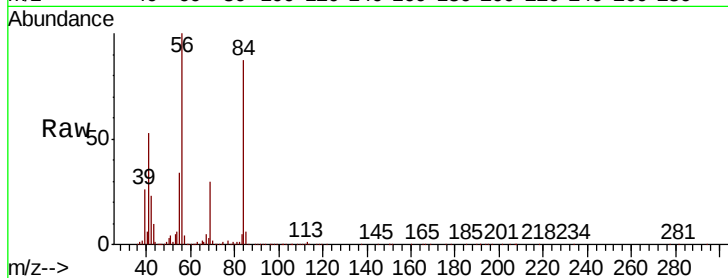
#31
Cyclohexane
Concen: 43.221 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
56	100		
69	30.2	24.4	36.6
84	85.6	70.0	105.0

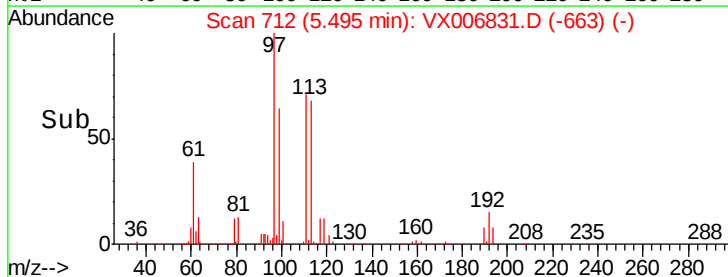
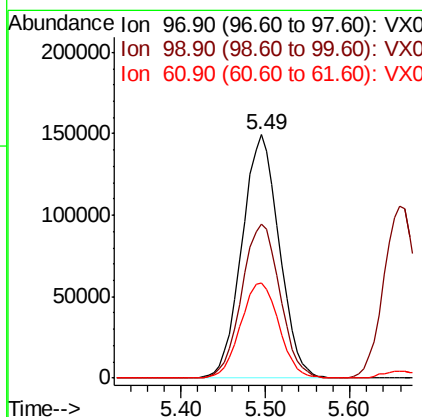
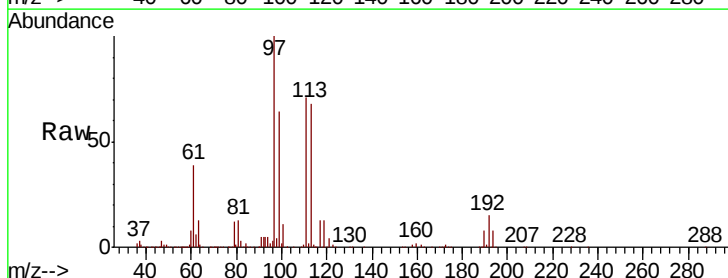
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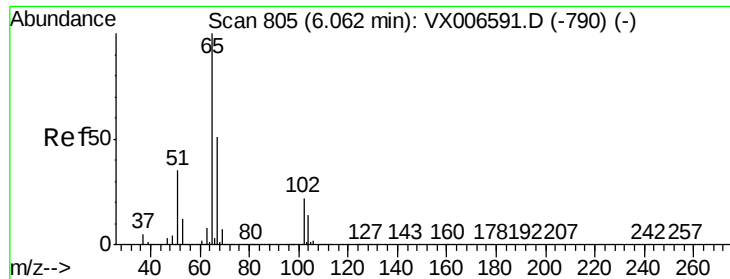
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#32
1,1,1-Trichloroethane
Concen: 51.070 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.3	51.7	77.5
61	40.2	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 49.323 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 65 Resp: 324503

Ion Ratio Lower Upper

65 100

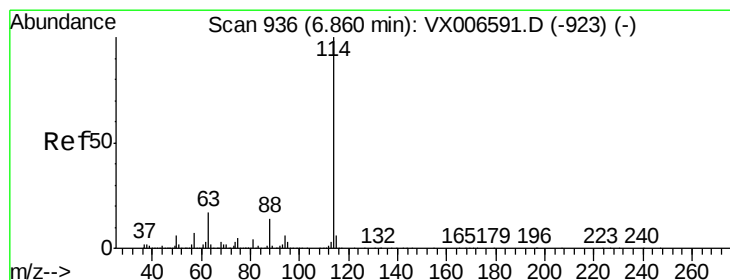
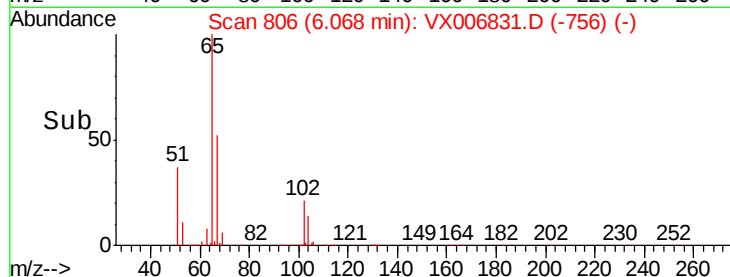
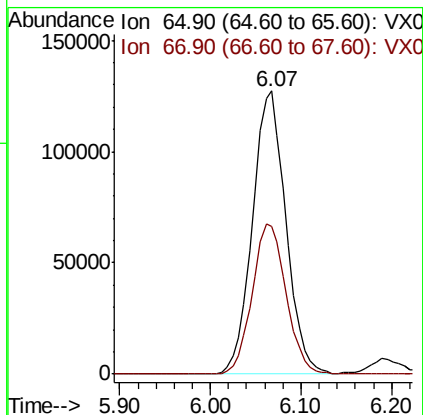
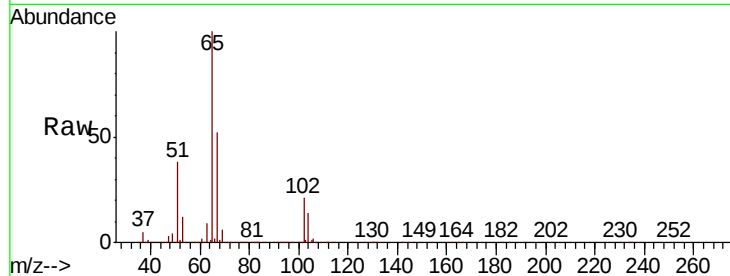
67 53.9 0.0 105.0

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

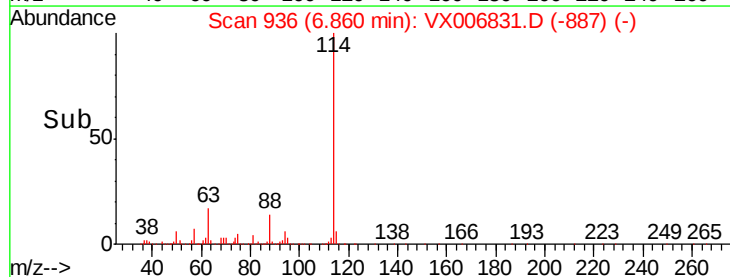
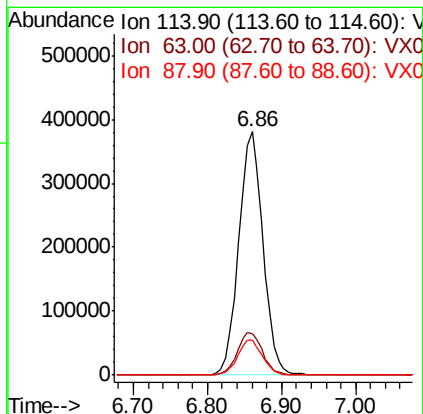
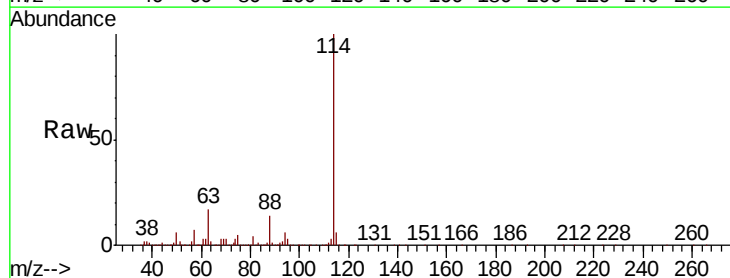
Tgt Ion: 114 Resp: 873509

Ion Ratio Lower Upper

114 100

63 17.2 0.0 34.8

88 14.4 0.0 28.8





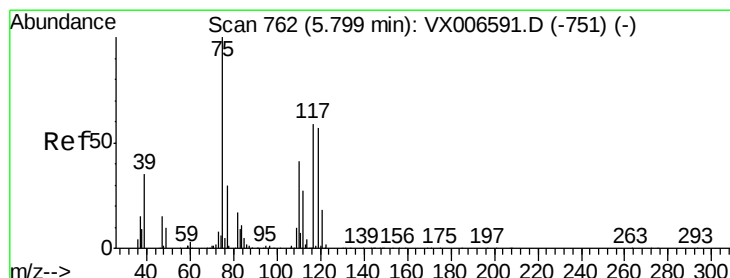
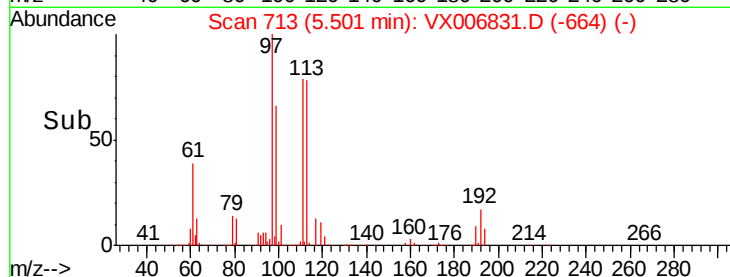
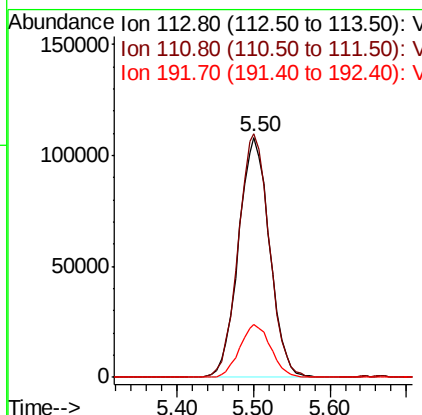
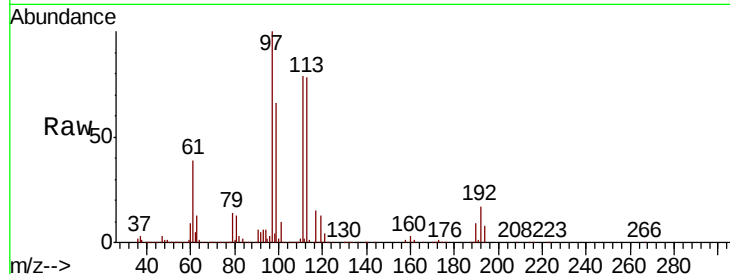
#35
 Dibromofluoromethane
 Concen: 55.124 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
113	100		
111	101.5	81.6	122.4
192	22.4	16.7	25.1

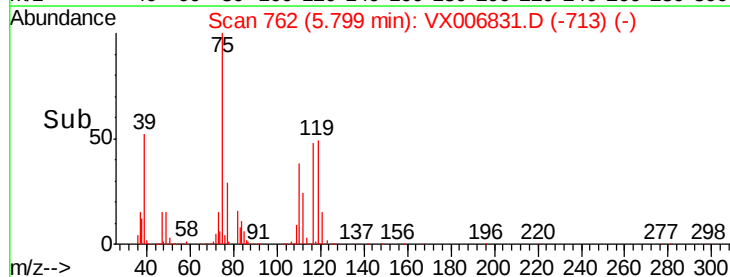
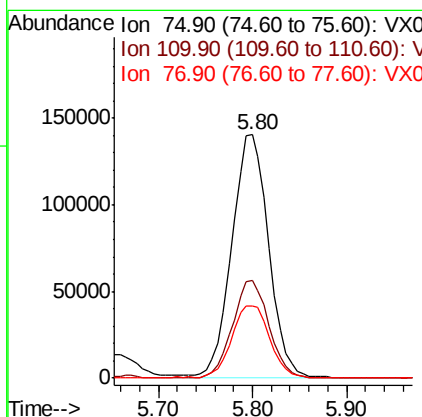
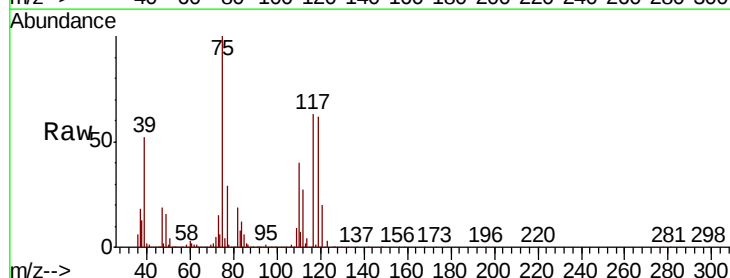
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#36
 1,1-Dichloropropene
 Concen: 52.804 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
110	39.8	20.2	60.5
77	30.9	24.8	37.2





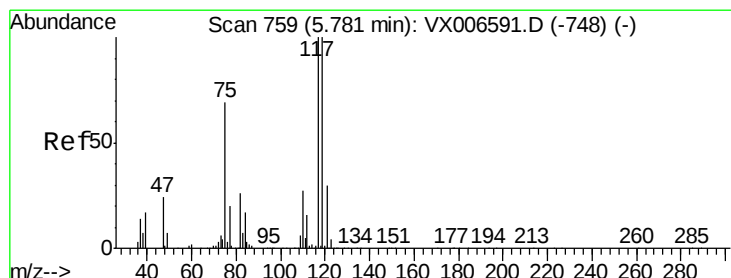
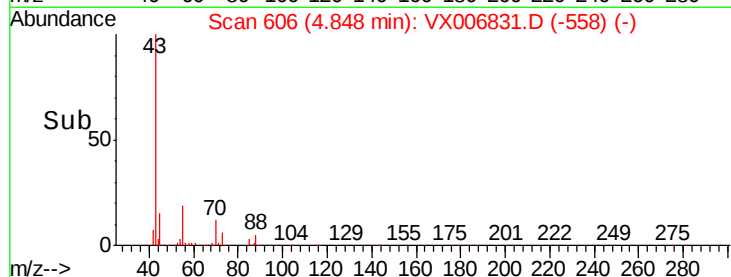
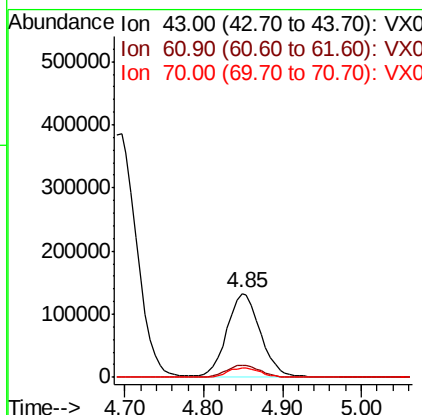
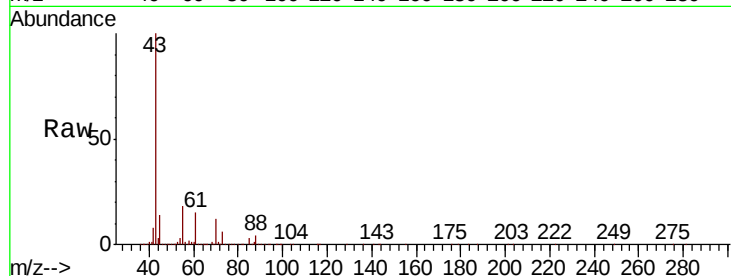
#37
Ethyl Acetate
Concen: 51.853 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	390455
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.9	17.9
70	11.1	9.7	14.5

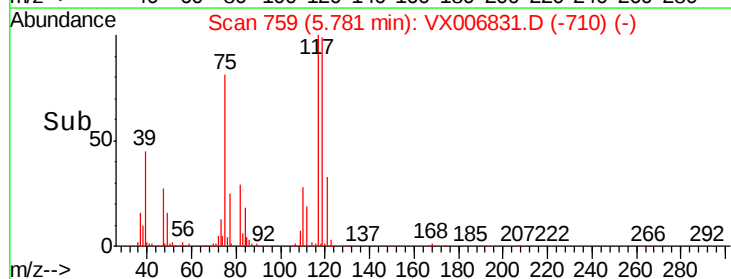
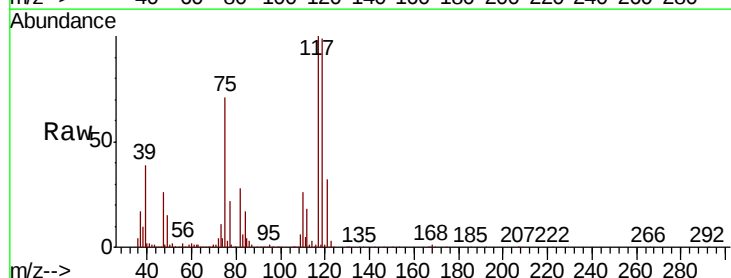
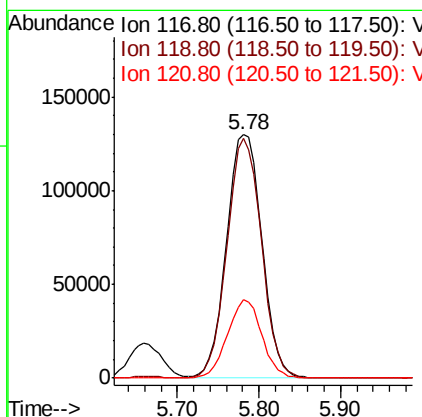
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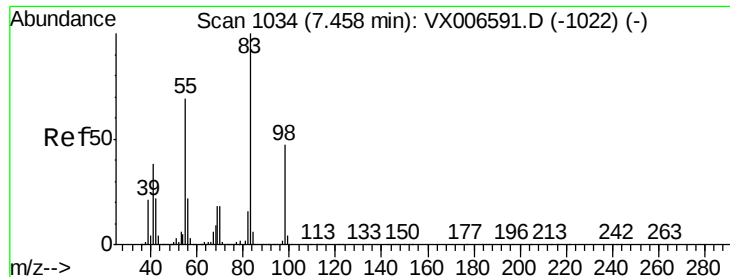
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#38
Carbon Tetrachloride
Concen: 55.273 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	117	Resp	388622
Ion Ratio	Lower	Upper	
117	100		
119	98.7	79.4	119.2
121	32.2	24.0	36.0





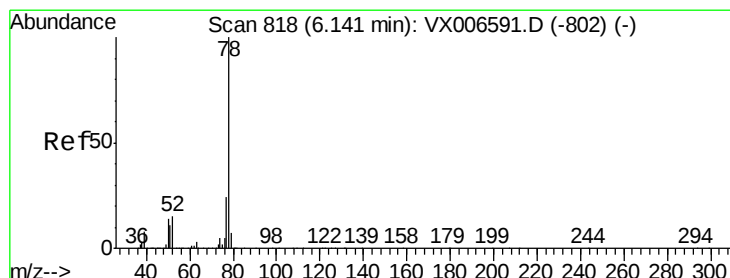
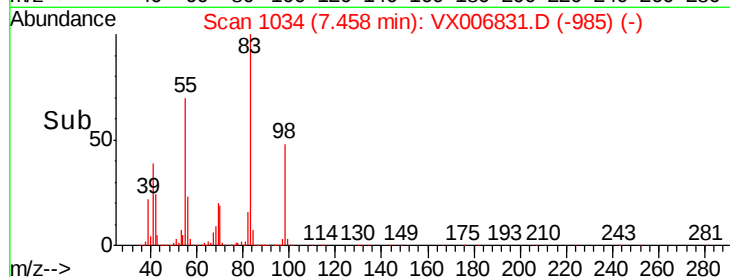
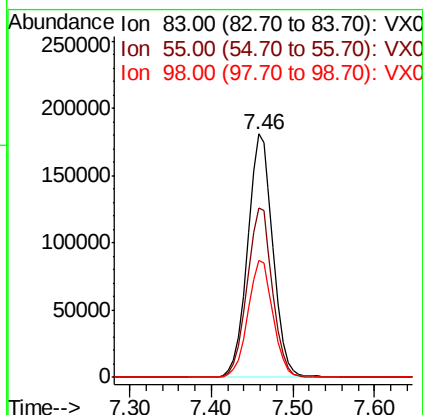
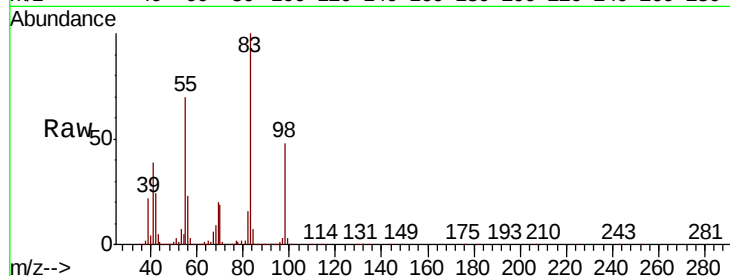
#39
Methylvlcvclohexane
Concen: 41.006 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
83	100		
55	69.6	54.9	82.3
98	48.1	37.9	56.9

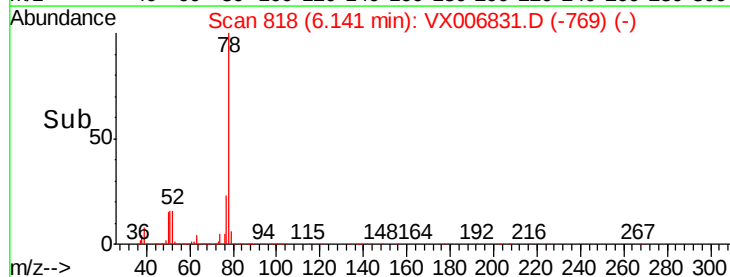
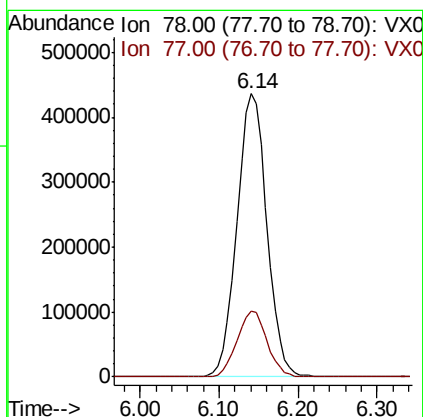
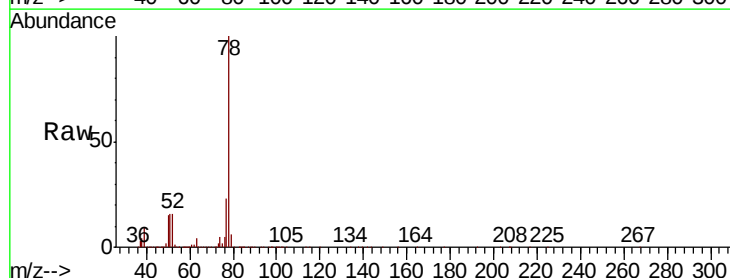
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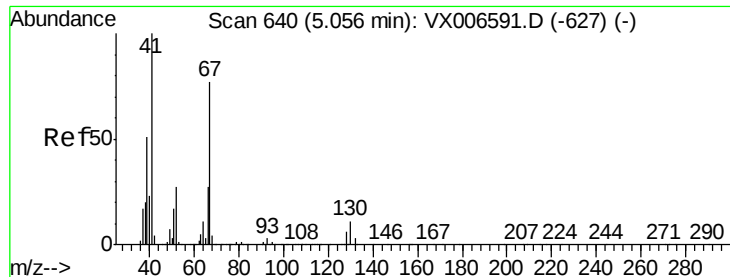
MMDadoda
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#40
Benzene
Concen: 52.247 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.4	19.2	28.8





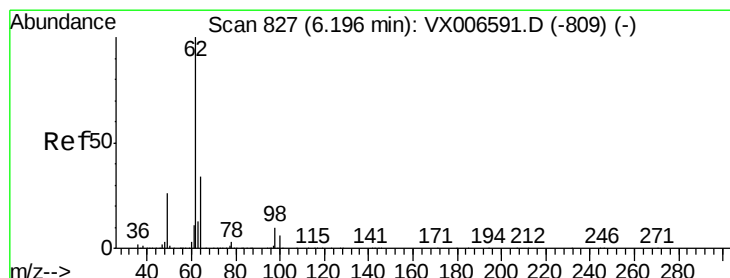
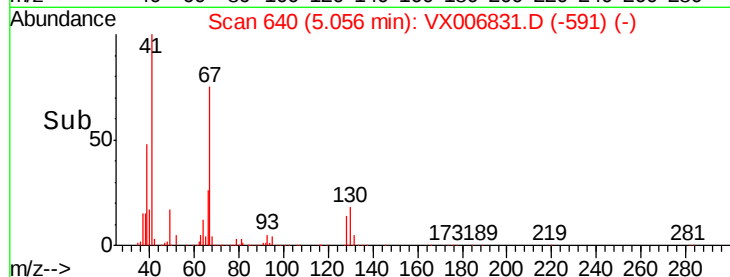
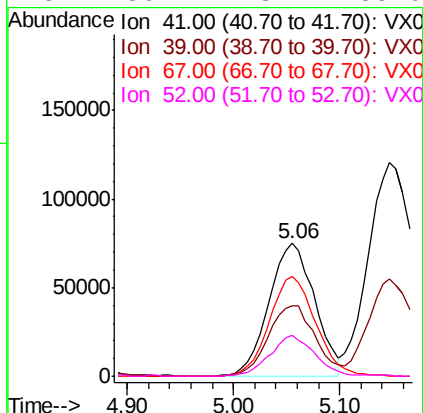
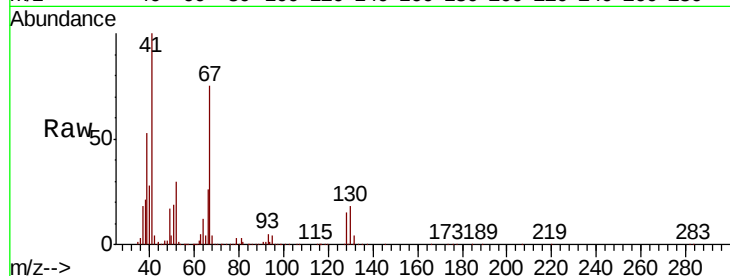
#41
Methacrylonitrile
Concen: 55.482 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
41	100		
39	55.0	42.8	64.2
67	76.1	62.1	93.1
52	30.1	23.4	35.0

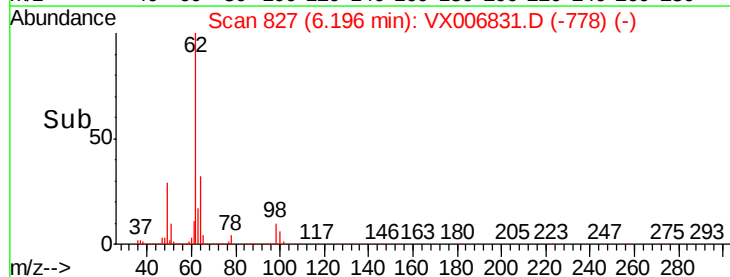
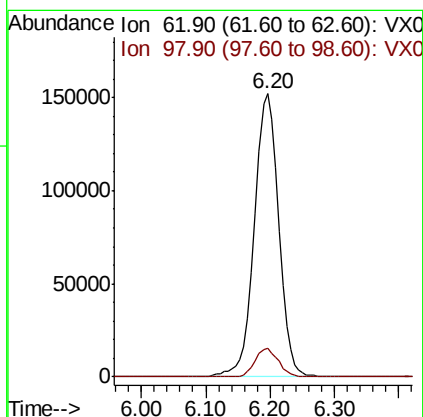
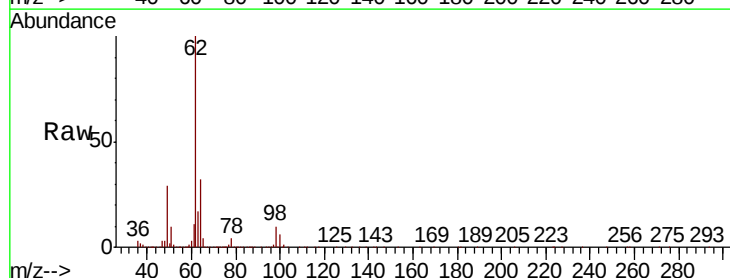
Manual Integrations
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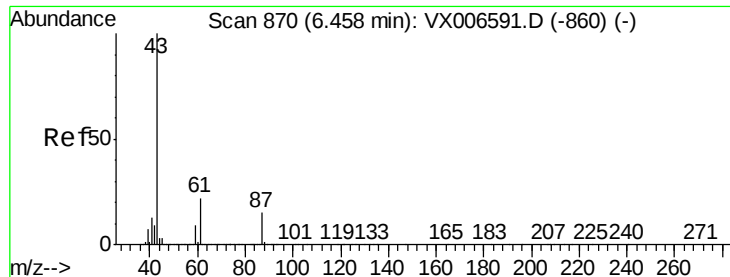
MMDadoda
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#42
1,2-Dichloroethane
Concen: 52.426 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	20.2





#43

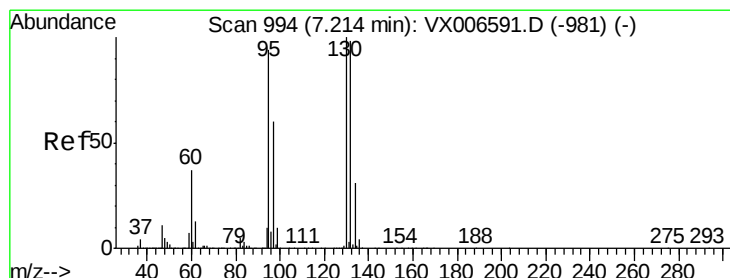
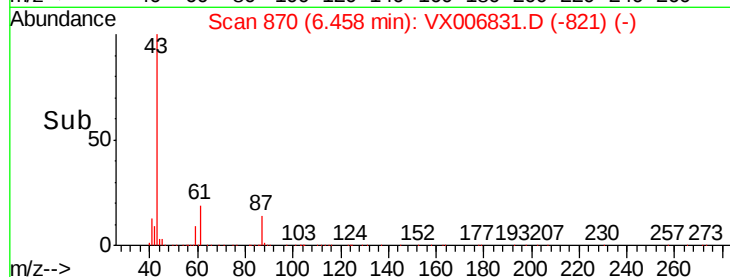
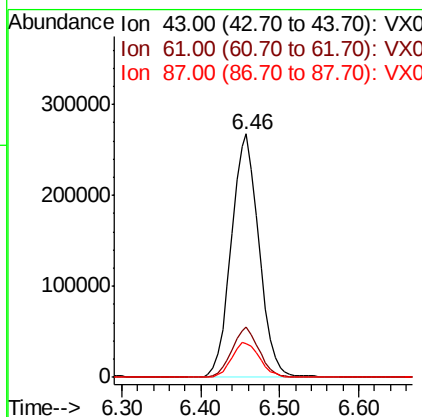
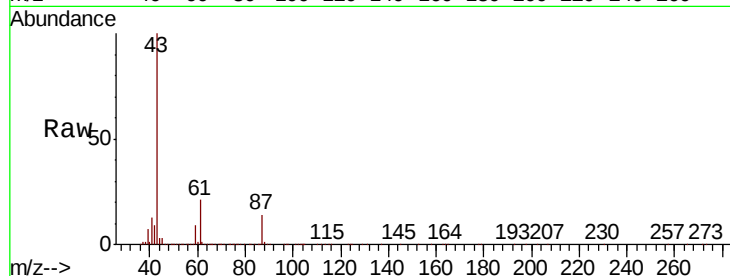
Isopropyl Acetate
 Concen: 56.757 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	20.4	16.8	25.2
87	14.7	12.4	18.6

Manual Integrations
 APPROVED

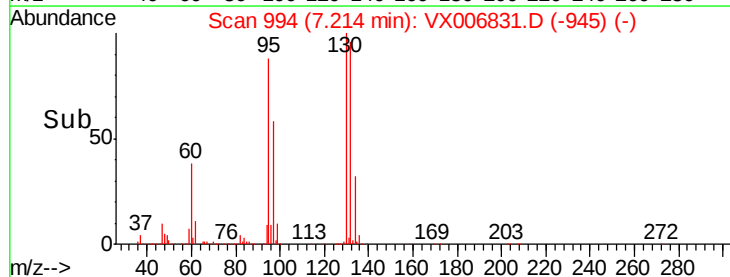
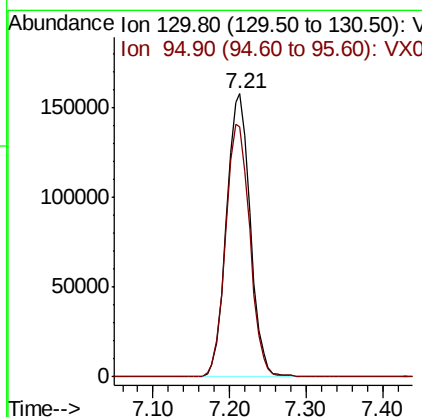
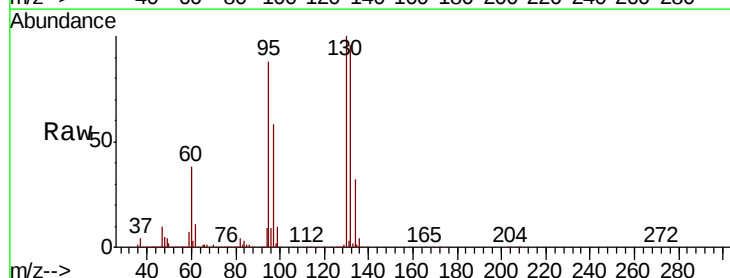
MMDadoda
 12/28/2018 10:27:56 AM



#44

Trichloroethene
 Concen: 50.834 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.3	0.0	187.0





#45

1,2-Dichloropropane

Concen: 54.492 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 63 Resp: 291615

Ion Ratio Lower Upper

63 100

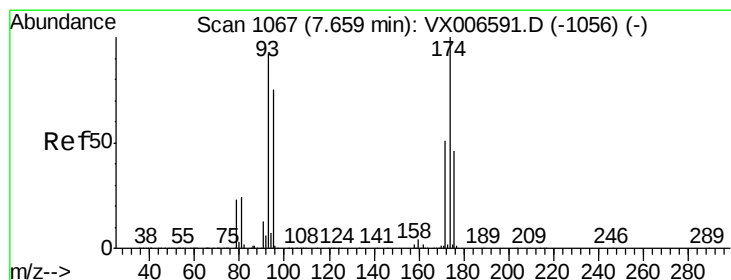
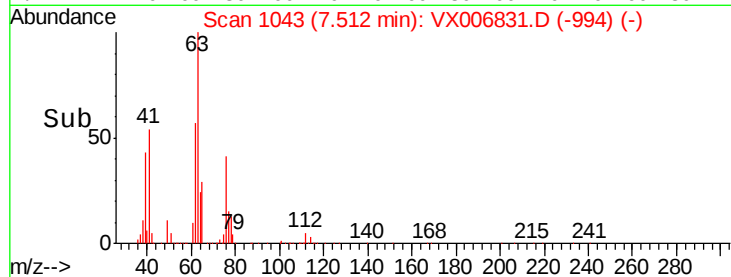
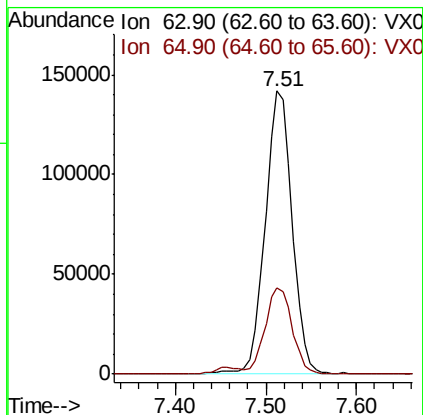
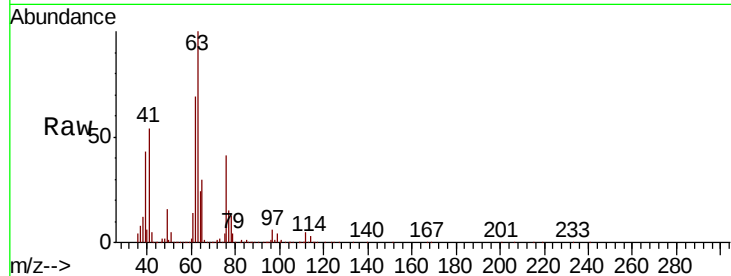
65 30.3 25.4 38.0

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#46

Dibromomethane

Concen: 51.880 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

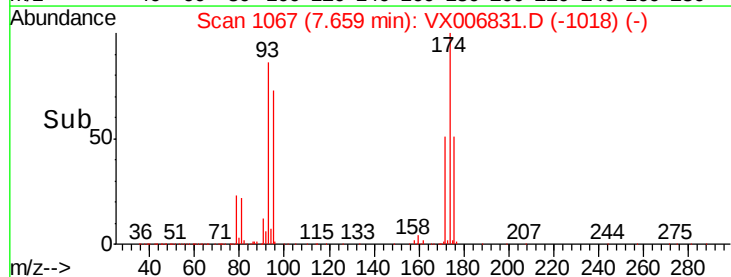
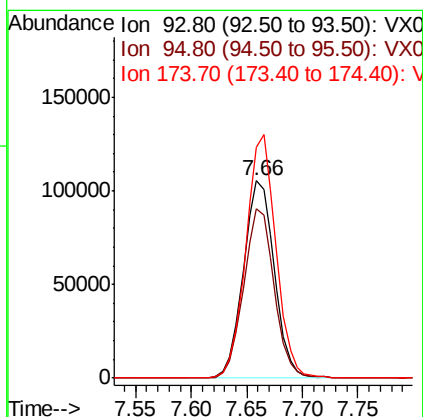
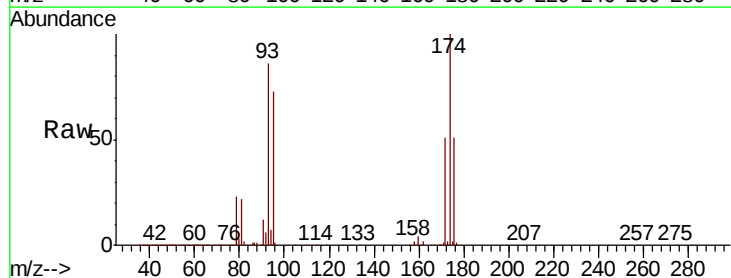
Tgt Ion: 93 Resp: 204216

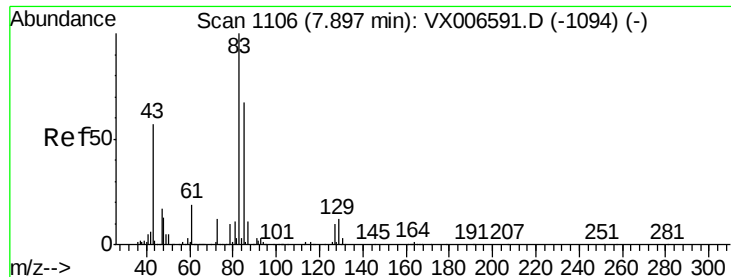
Ion Ratio Lower Upper

93 100

95 84.7 66.2 99.4

174 119.7 91.0 136.4





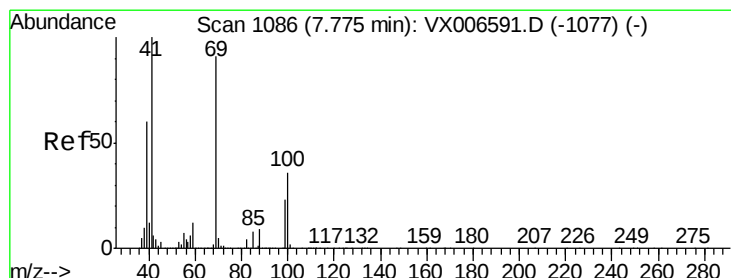
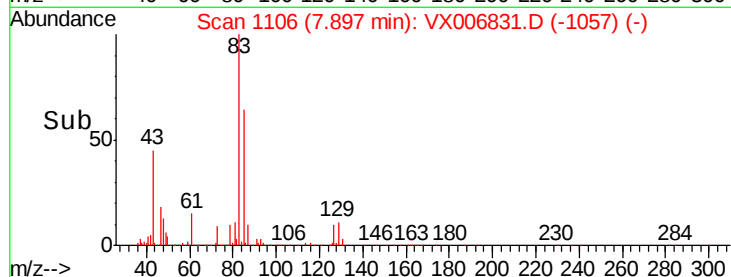
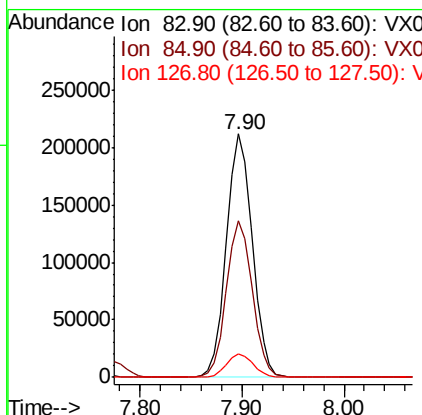
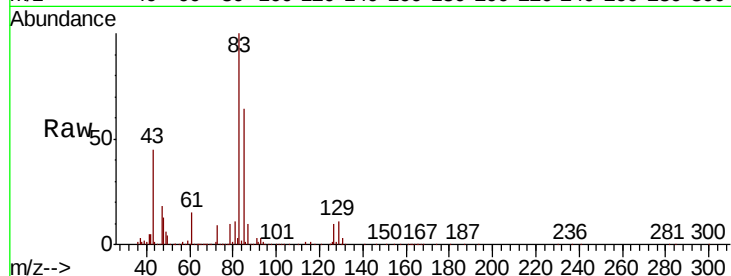
#47
Bromodichloromethane
Concen: 56.940 ug/l
RT: 7.90 min Scan# 1106
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
83	100	372115		
85	64.4	53.2	79.8	
127	9.6	7.8	11.6	

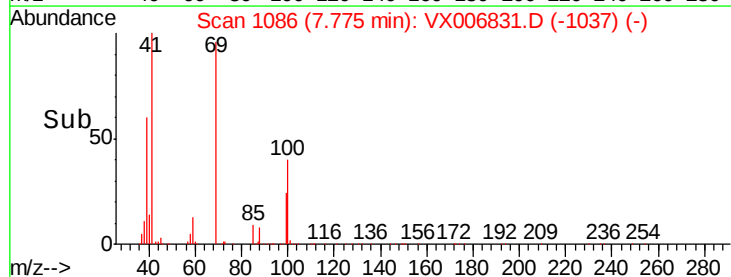
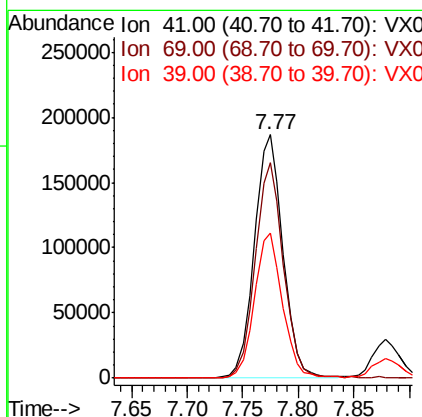
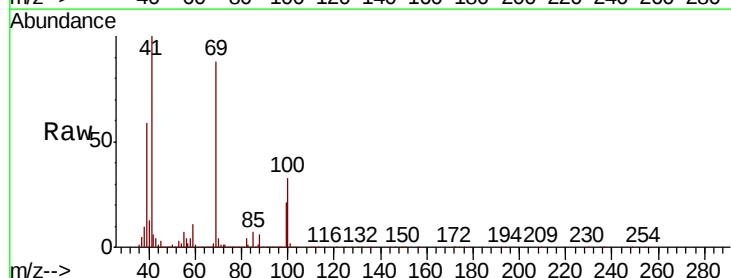
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#48
Methyl methacrylate
Concen: 57.073 ug/l
RT: 7.77 min Scan# 1086
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
41	100	332525		
69	88.3	72.4	108.6	
39	58.3	45.8	68.8	





#49

1,4-Dioxane

Concen: 841.931 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

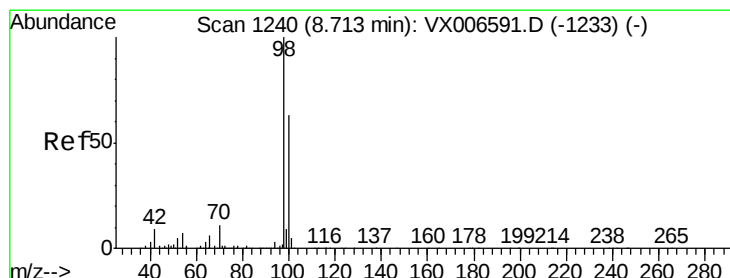
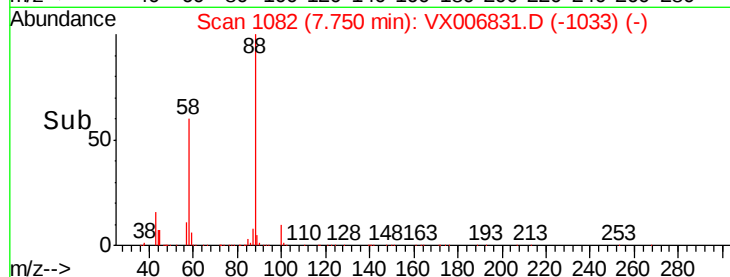
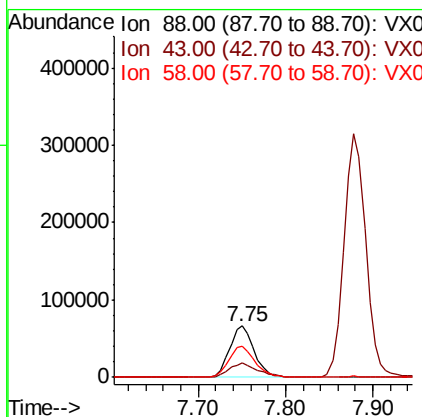
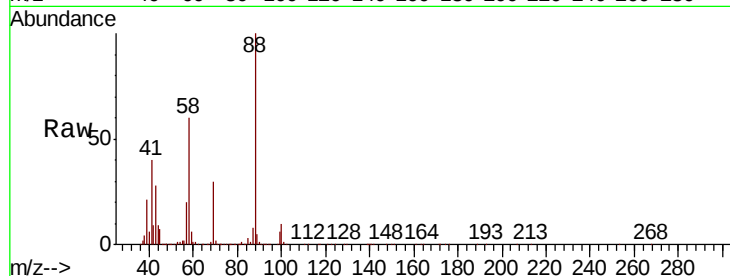
ClientSampleId :

VSTDCCC050

Tot Ion:	88	Resp:	128825
Ion	Ratio	Lower	Upper
88	100		
43	31.4	22.2	33.4
58	65.4	51.0	76.4

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#50

Toluene-d8

Concen: 53.038 ug/l

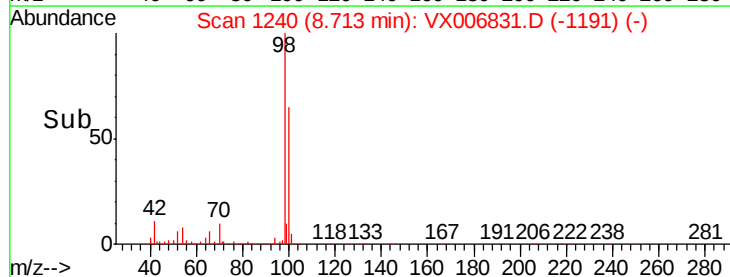
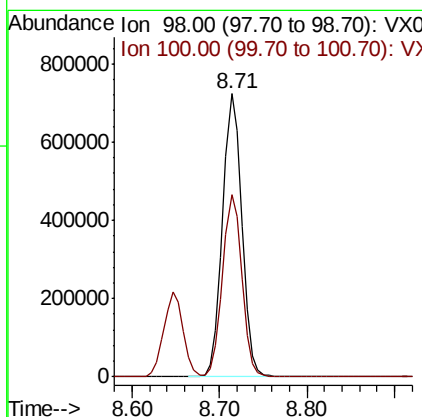
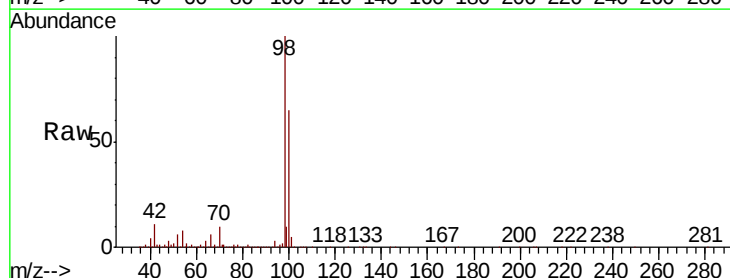
RT: 8.71 min Scan# 1240

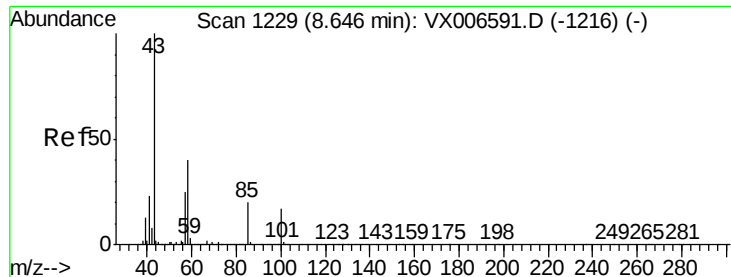
Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Tgt Ion:	98	Resp:	1104525
Ion	Ratio	Lower	Upper
98	100		
100	64.7	52.0	78.0





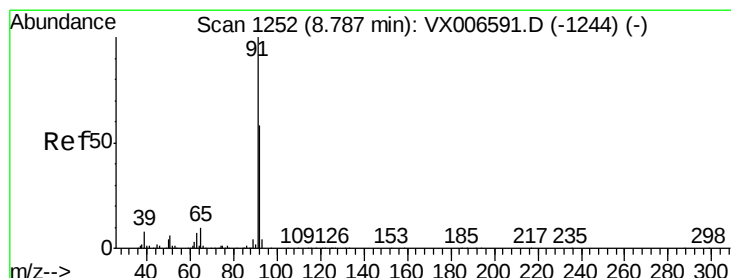
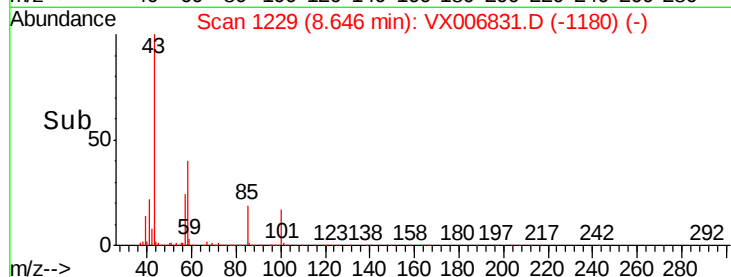
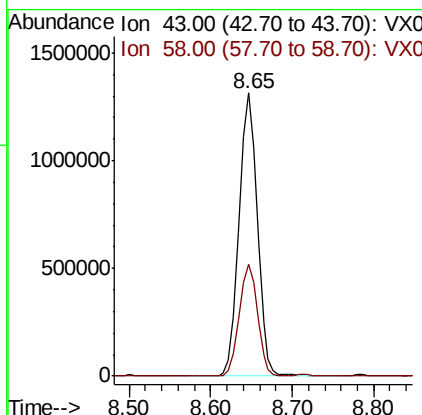
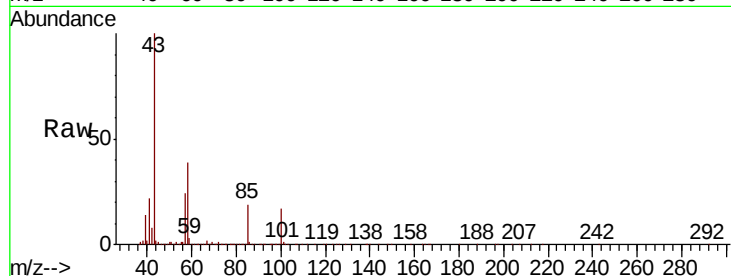
#51
4-Methyl-2-Pentanone
Concen: 277.655 ug/l
RT: 8.65 min Scan# 1229
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 2024067
Ion Ratio Lower Upper
43 100
58 39.5 31.8 47.6

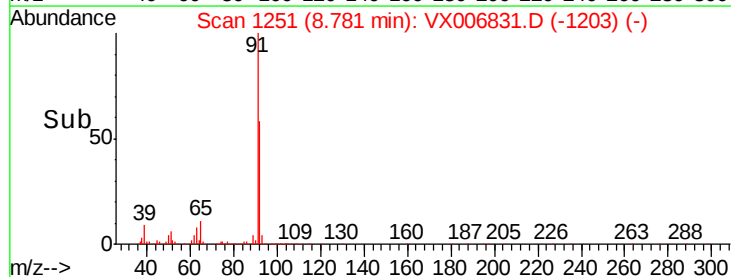
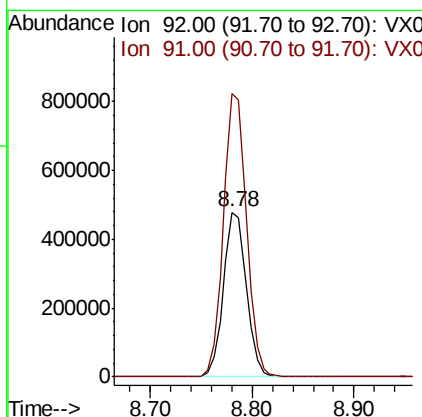
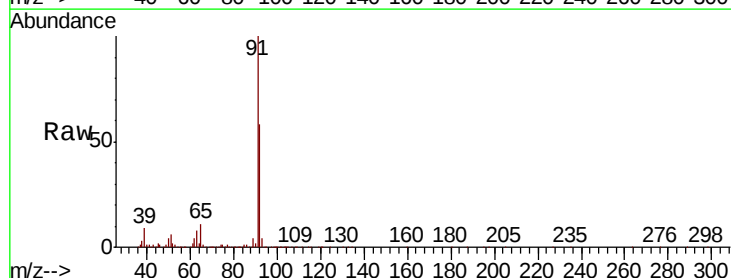
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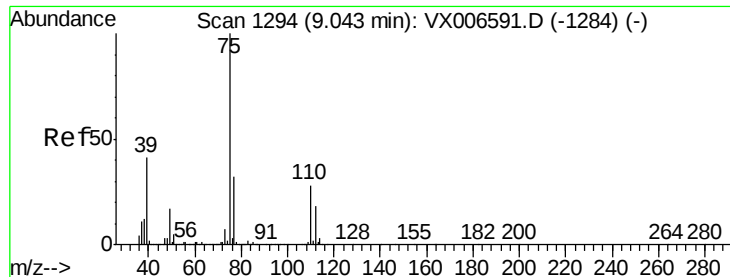
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#52
Toluene
Concen: 52.437 ug/l
RT: 8.78 min Scan# 1251
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion: 92 Resp: 744981
Ion Ratio Lower Upper
92 100
91 173.4 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 60.552 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 75 Resp: 424401

Ion Ratio Lower Upper

75 100

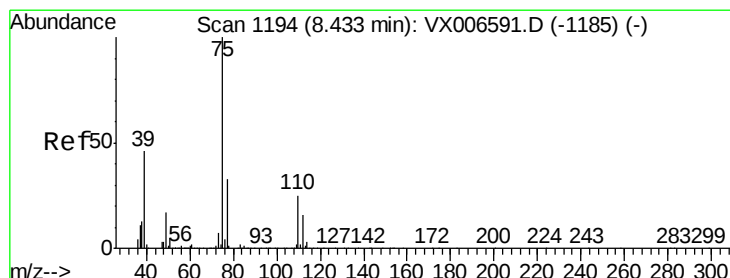
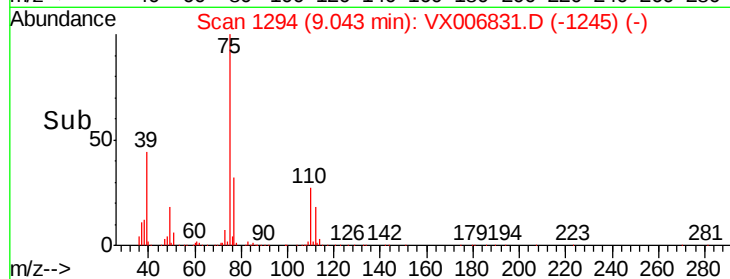
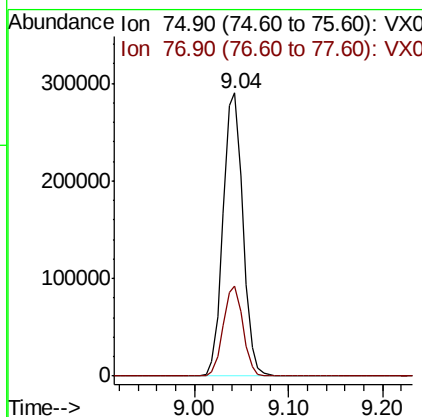
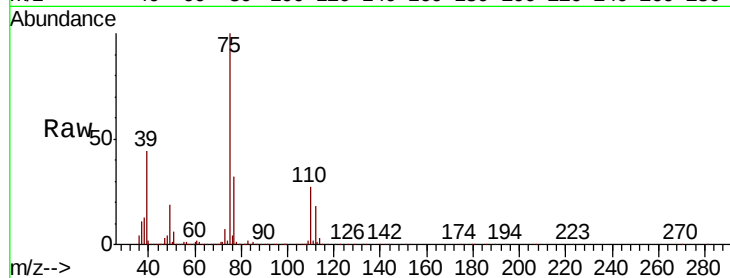
77 32.0 25.4 38.0

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#54

cis-1,3-Dichloropropene

Concen: 59.773 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

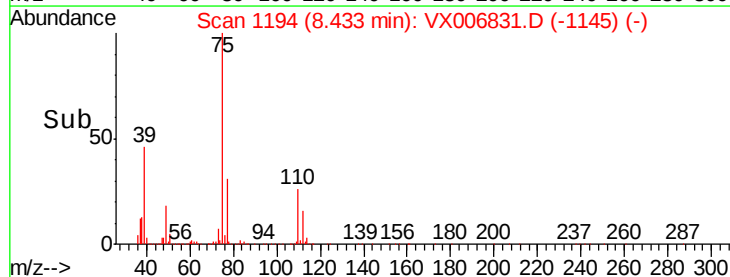
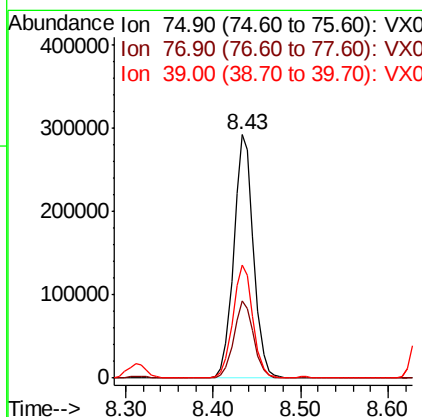
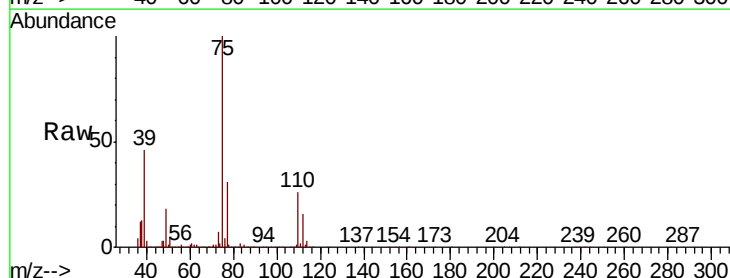
Tgt Ion: 75 Resp: 459684

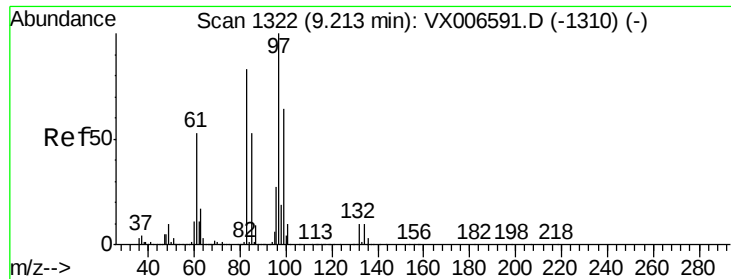
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 46.2 36.7 55.1





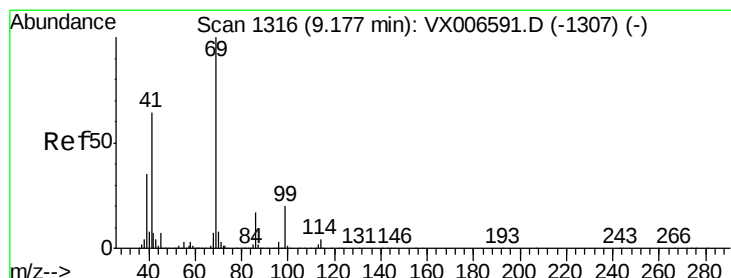
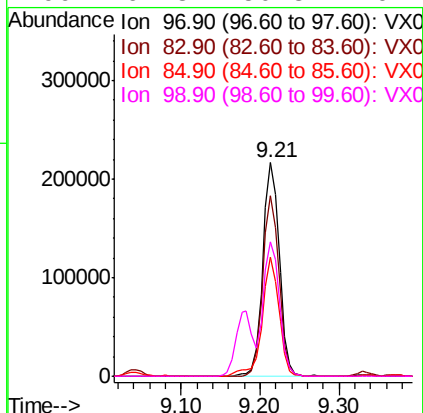
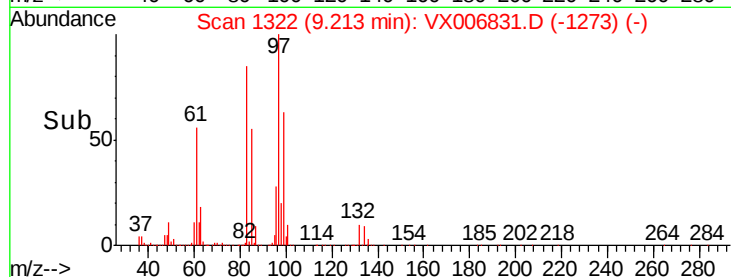
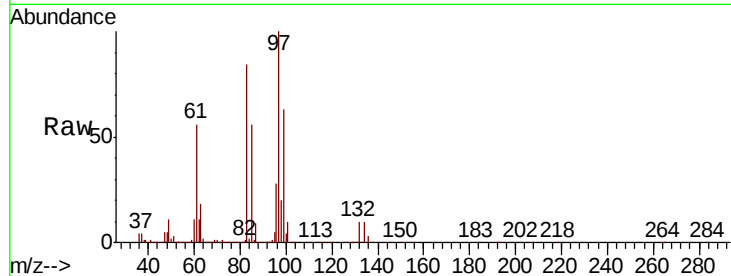
#55
 1,1,2-Trichloroethane
 Concen: 54.169 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ion	Ratio	Resp	Lower	Upper
97	100		315003		
83	84.4	66.6	99.8		
85	55.5	42.7	64.1		
99	62.8	50.8	76.2		

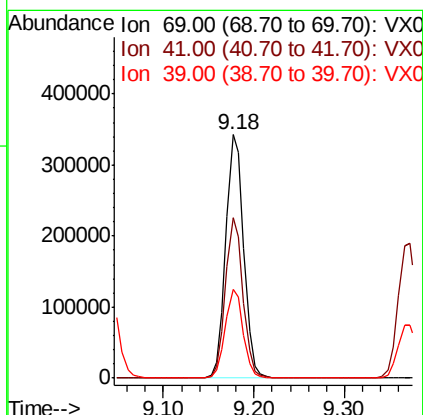
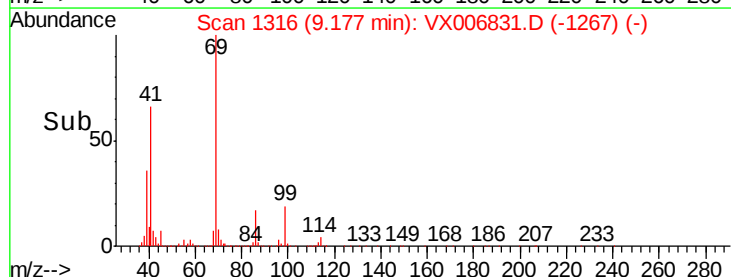
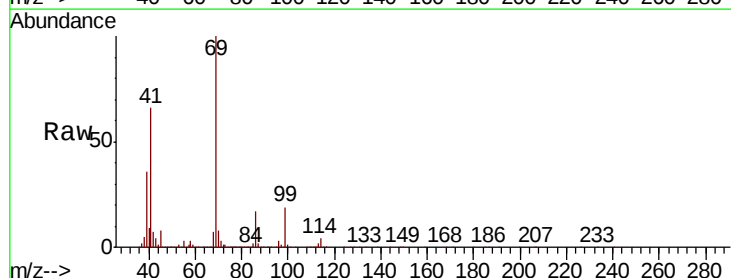
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#56
 Ethyl methacrylate
 Concen: 57.203 ug/l
 RT: 9.18 min Scan# 1316
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
69	100		470156		
41	64.5	48.7	73.1		
39	36.6	27.0	40.6		





#57

1,3-Dichloropropane

Concen: 53.774 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 76 Resp: 503111

Ion Ratio Lower Upper

76 100

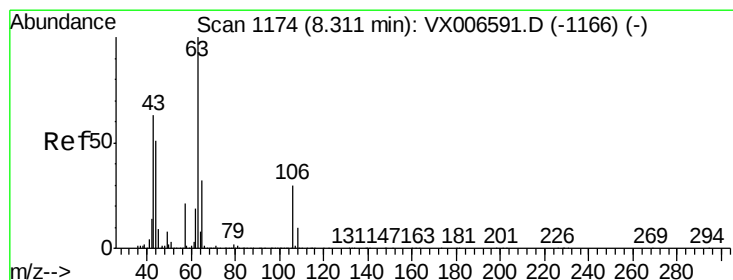
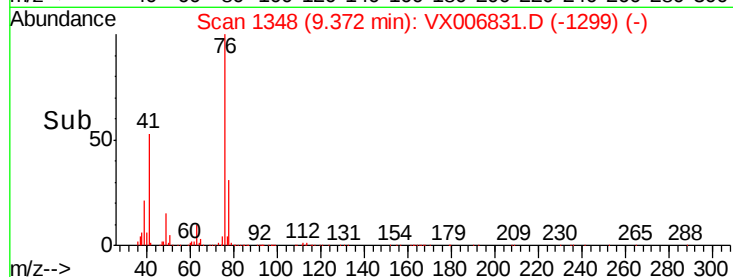
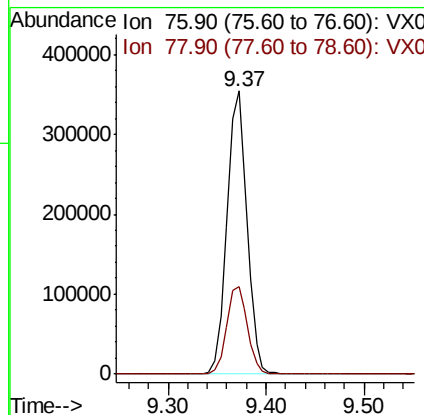
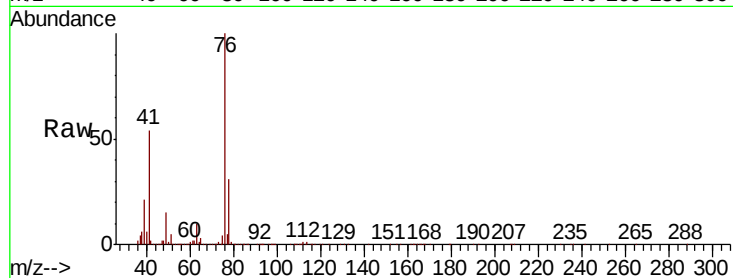
78 31.9 26.0 39.0

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#58

2-Chloroethyl Vinyl ether

Concen: 300.721 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006831.D

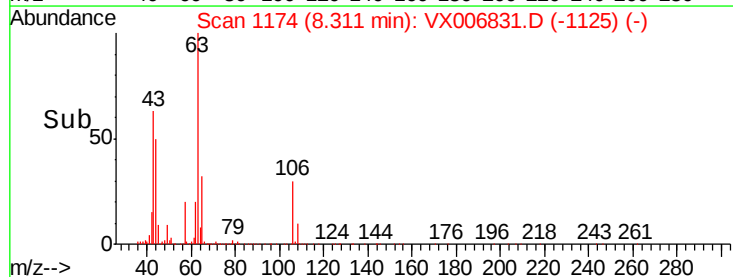
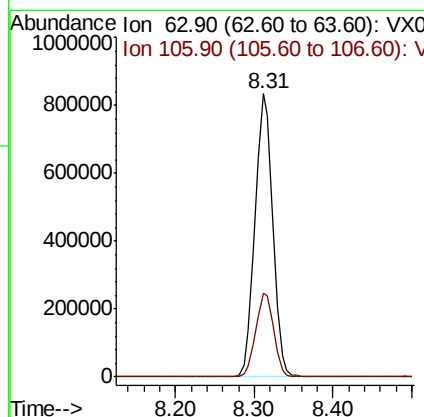
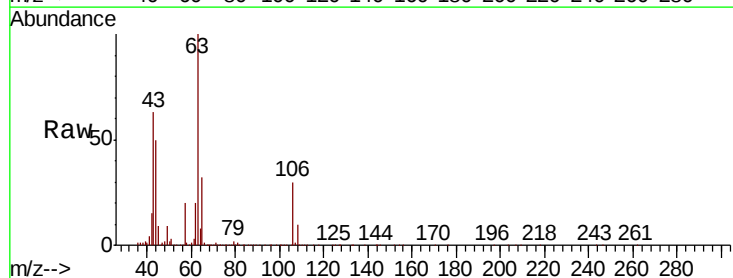
Acq: 27 Dec 2018 10:01

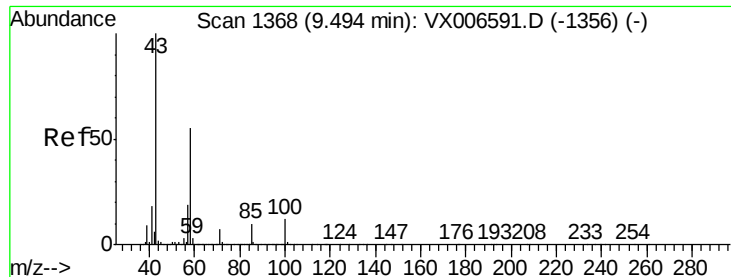
Tgt Ion: 63 Resp: 1313847

Ion Ratio Lower Upper

63 100

106 30.0 24.6 36.8





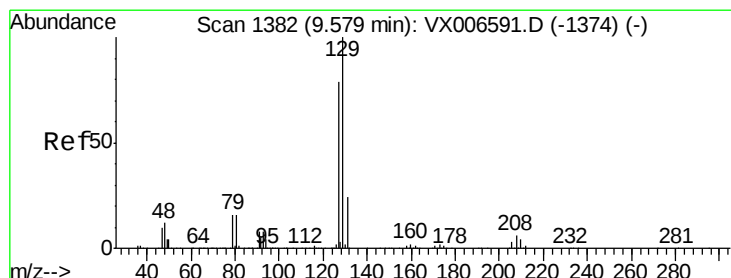
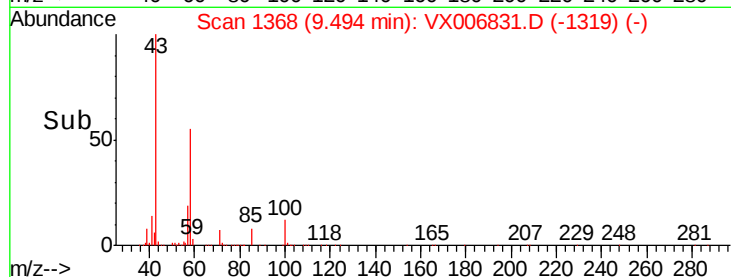
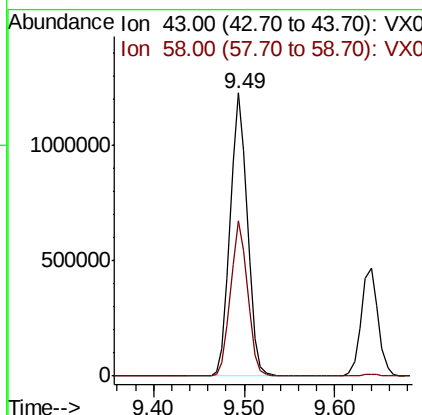
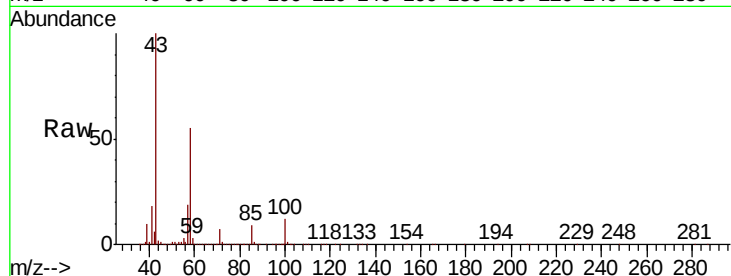
#59
2-Hexanone
Concen: 291.355 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 1625066
Ion Ratio Lower Upper
43 100
58 54.4 27.7 83.1

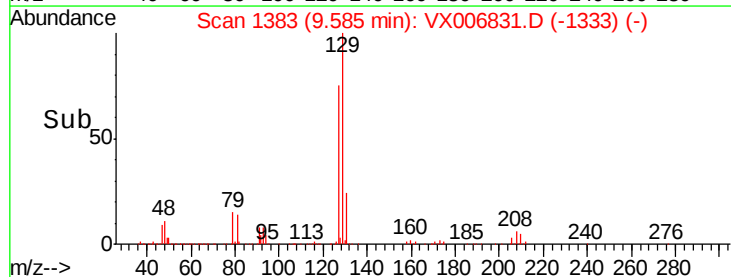
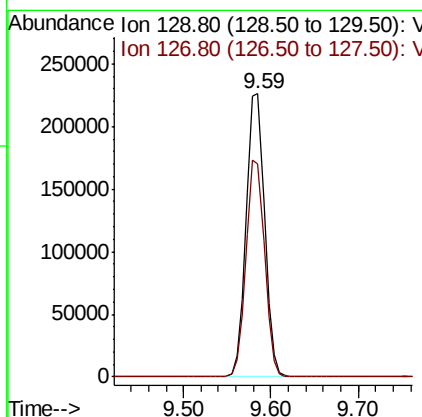
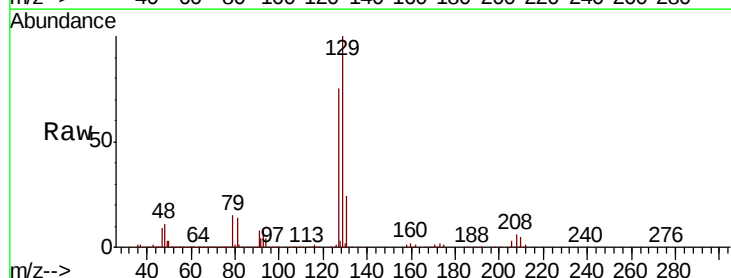
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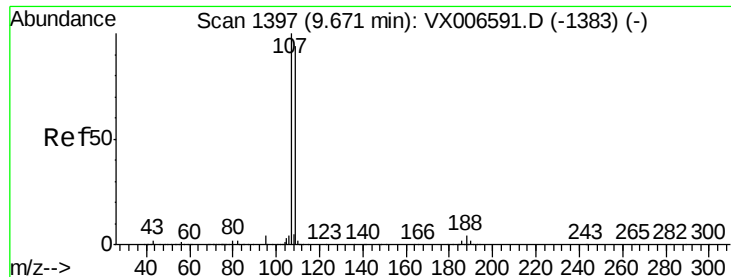
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#60
Dibromochloromethane
Concen: 54.255 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion: 129 Resp: 331242
Ion Ratio Lower Upper
129 100
127 77.1 39.3 117.8





#61

1,2-Dibromoethane

Concen: 54.029 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 107 Resp: 333996

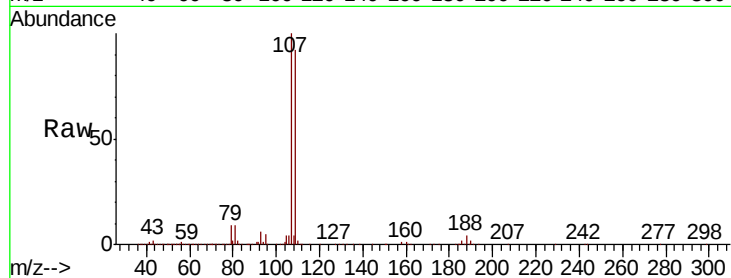
Ion Ratio Lower Upper

107 100

109 94.0 75.8 113.6

Manual Integrations
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MMDadoda
12/28/2018 10:27:56 AM



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

150000

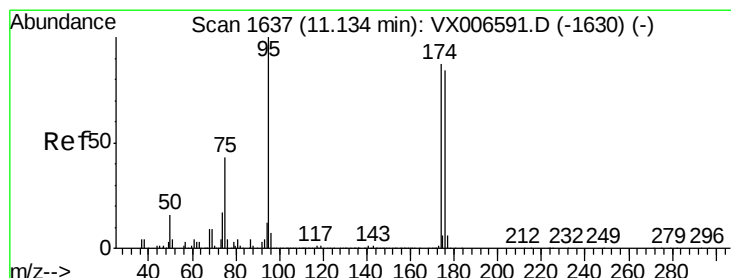
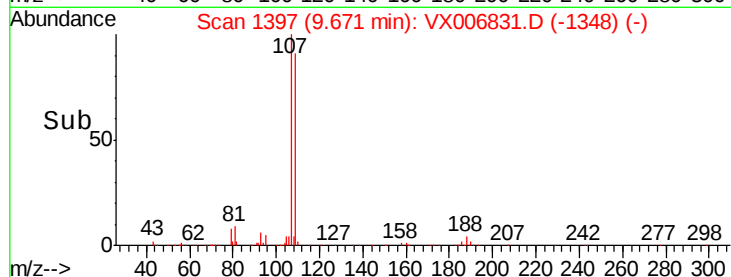
100000

50000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 53.694 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

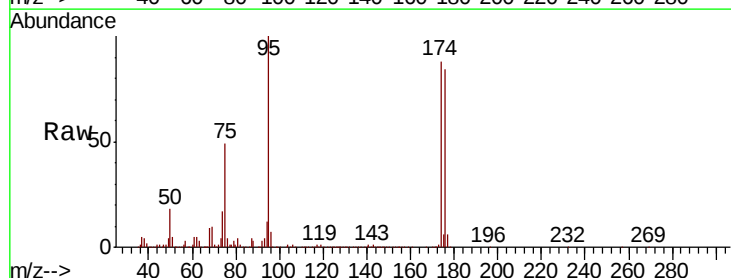
Tgt Ion: 95 Resp: 409526

Ion Ratio Lower Upper

95 100

174 94.3 0.0 182.2

176 91.8 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

400000

300000

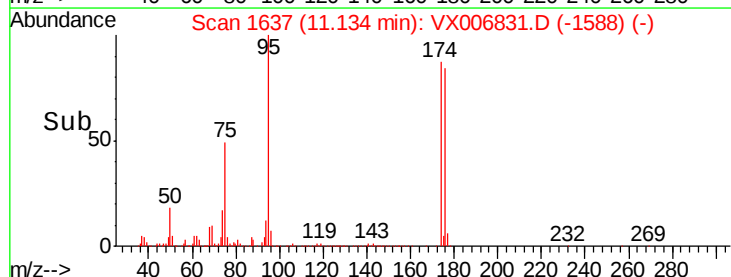
200000

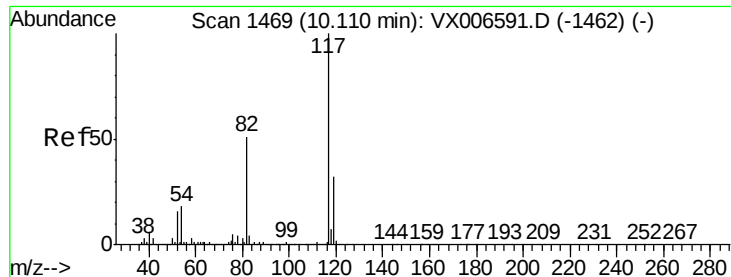
100000

0

Time-->

11.10 11.20





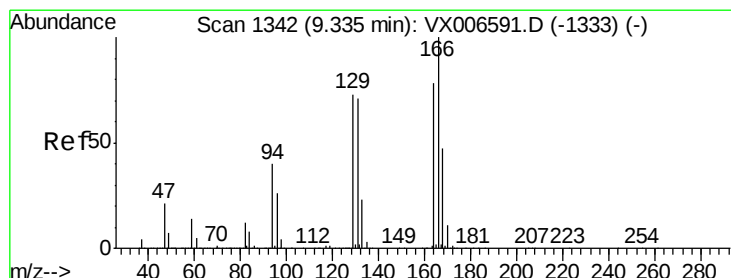
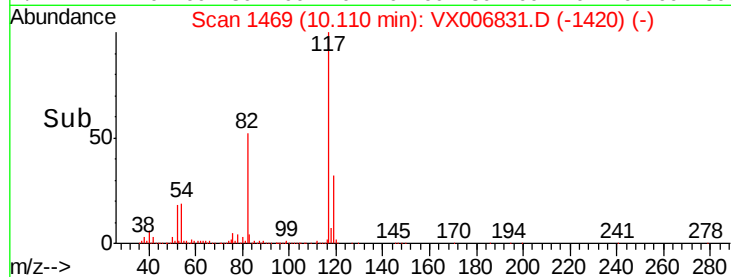
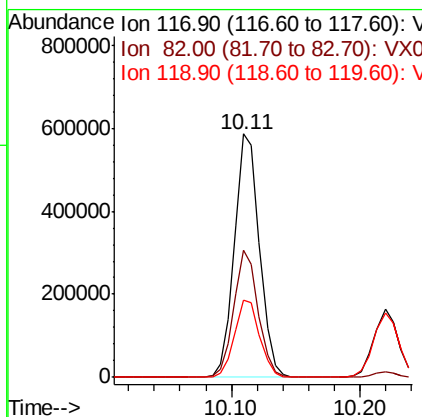
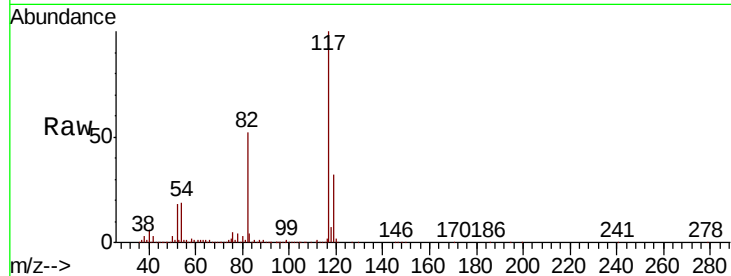
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
117	100	794262		
82	51.9		41.0	61.6
119	31.6		25.4	38.0

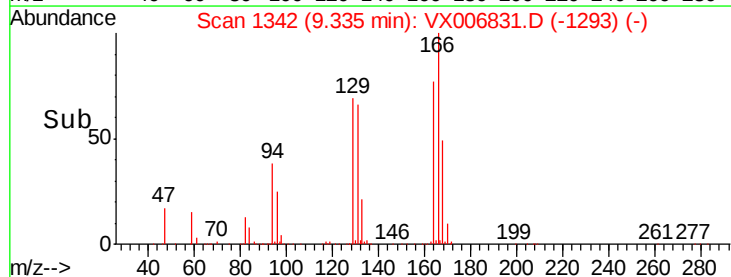
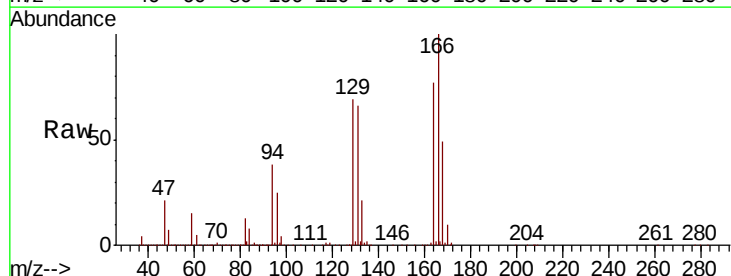
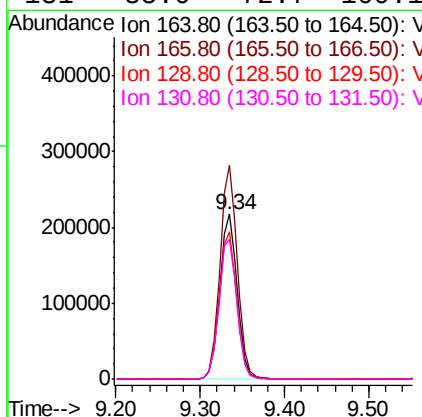
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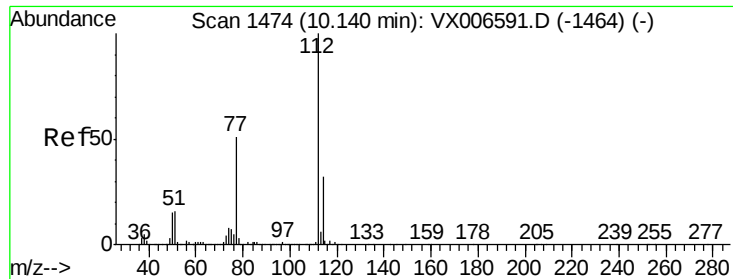
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#64
Tetrachloroethene
Concen: 49.445 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	310978		
166	129.5		102.5	153.7
129	89.3		75.1	112.7
131	85.0		72.7	109.1





#65

Chlorobenzene

Concen: 52.076 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. -0.01 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:112 Resp: 875051

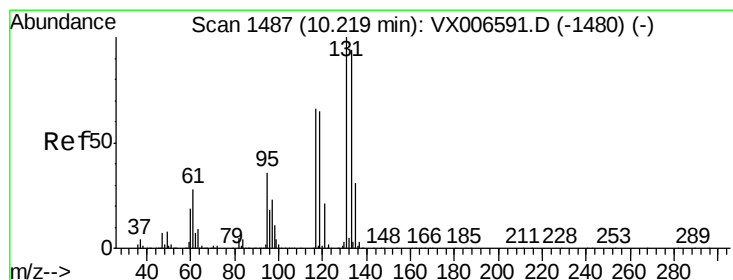
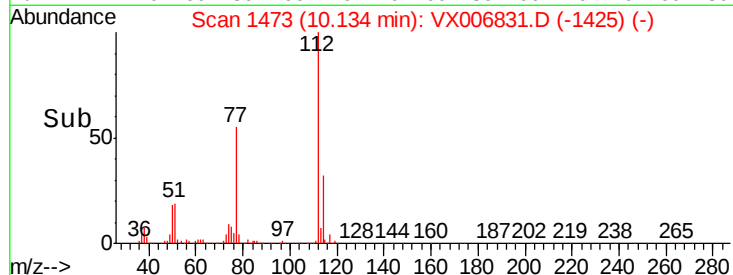
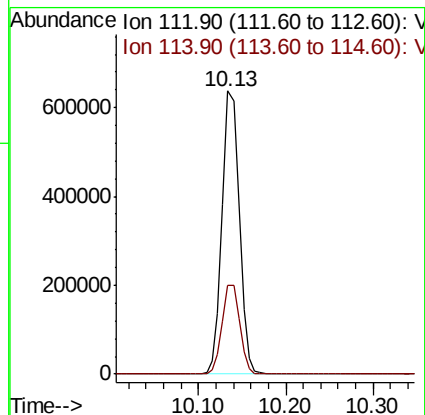
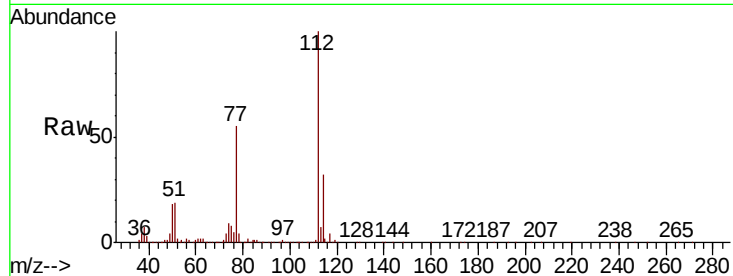
Ion Ratio Lower Upper

112 100

114 31.6 25.7 38.5

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#66

1,1,1,2-Tetrachloroethane

Concen: 60.220 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

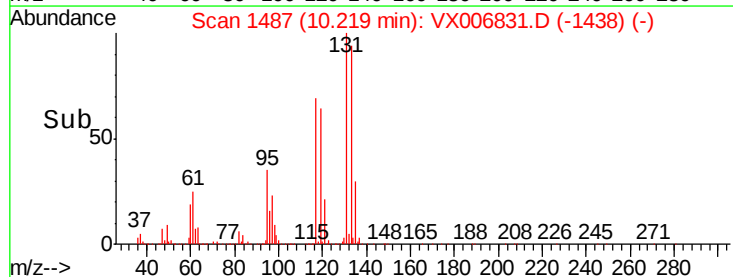
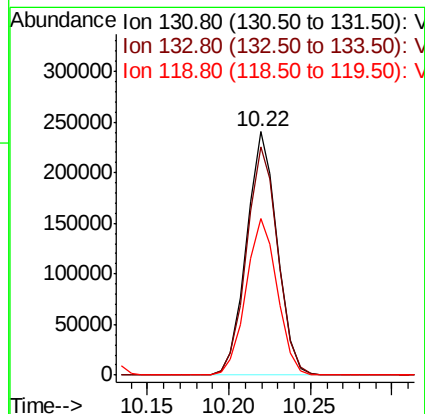
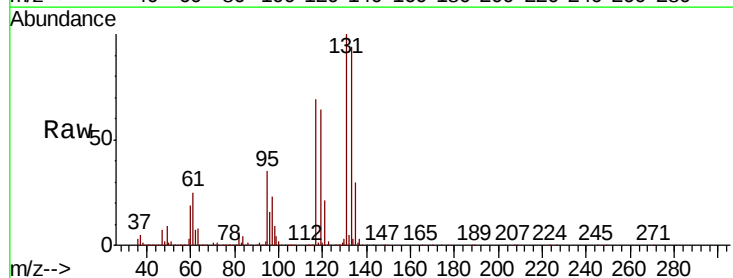
Tgt Ion:131 Resp: 315706

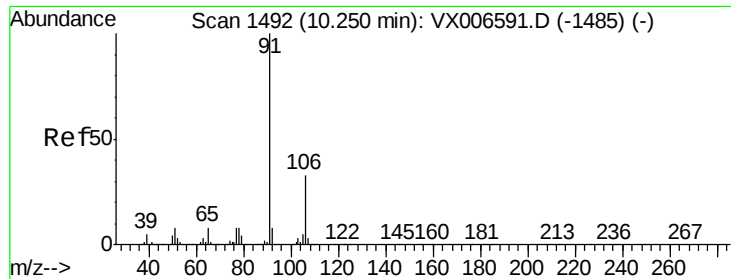
Ion Ratio Lower Upper

131 100

133 95.4 48.0 144.2

119 65.3 32.6 97.8





#67

Ethyl Benzene

Concen: 51.725 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 1420250

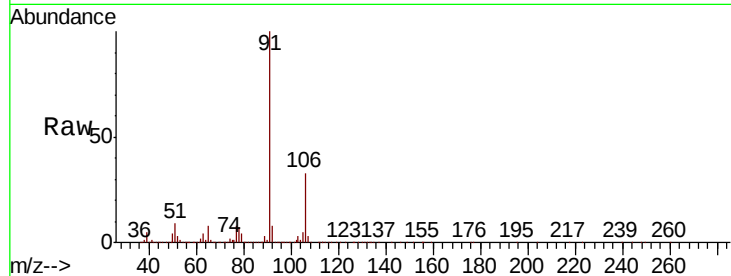
Ion Ratio Lower Upper

91 100

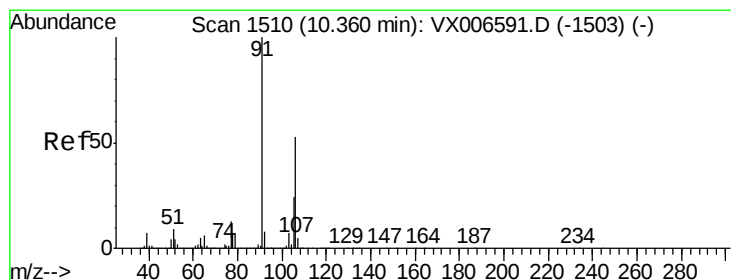
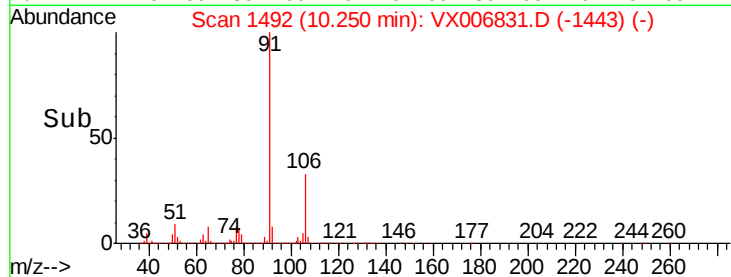
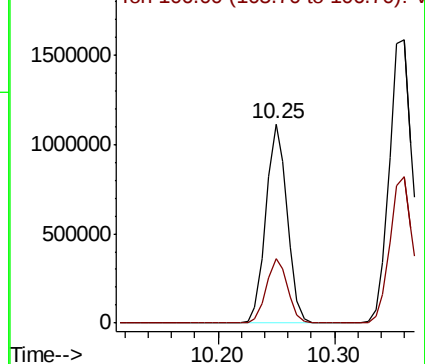
106 32.5 26.4 39.6

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Abundance Ion 91.00 (90.70 to 91.70): VX006591.D (-1485) (-)



#68

m/p-Xylenes

Concen: 103.531 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006831.D

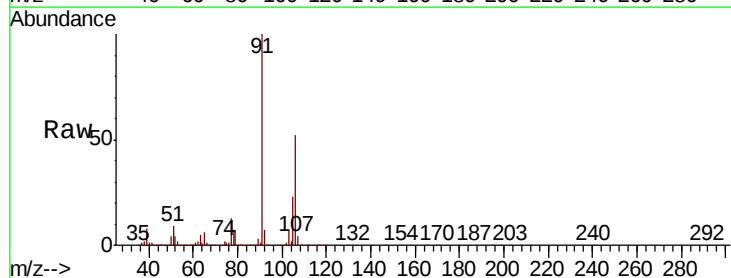
Acq: 27 Dec 2018 10:01

Tgt Ion: 106 Resp: 1121730

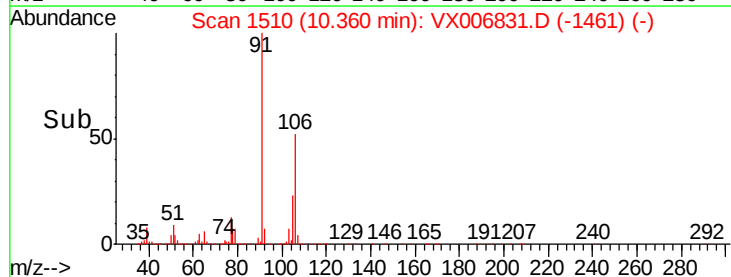
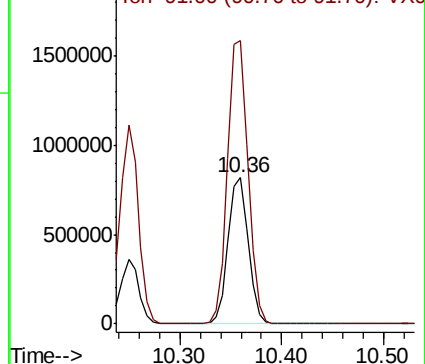
Ion Ratio Lower Upper

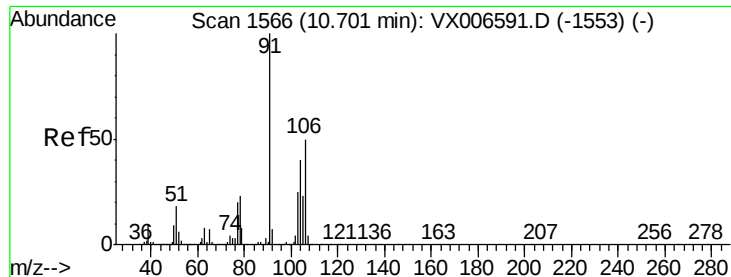
106 100

91 196.9 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006591.D (-1503) (-)





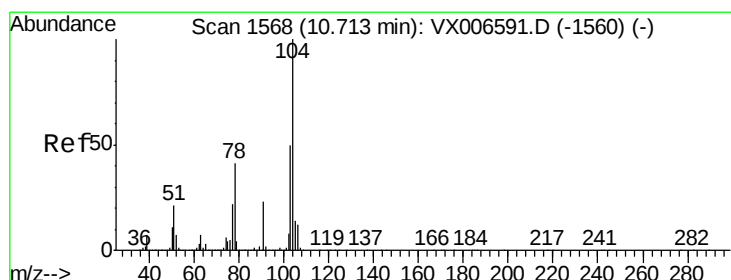
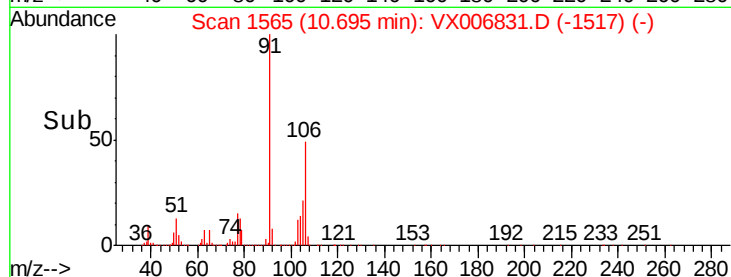
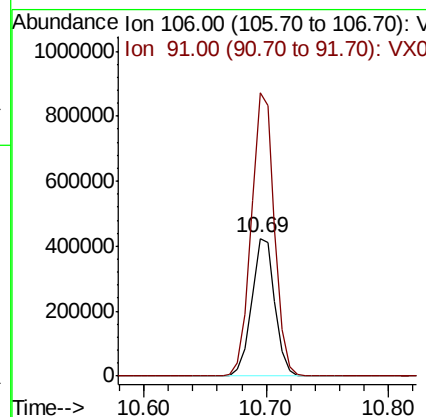
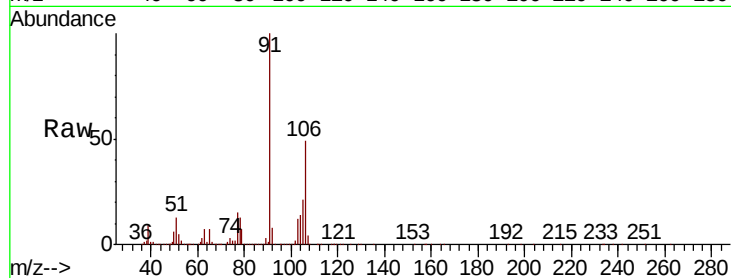
#69
o-Xylene
Concen: 51.964 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
106	100		
91	205.5	101.3	303.7

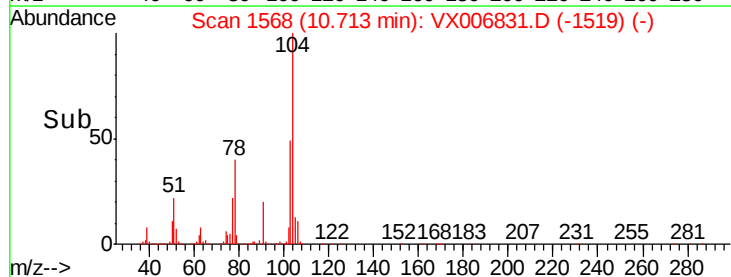
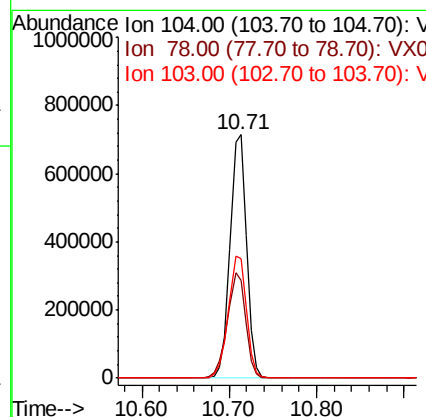
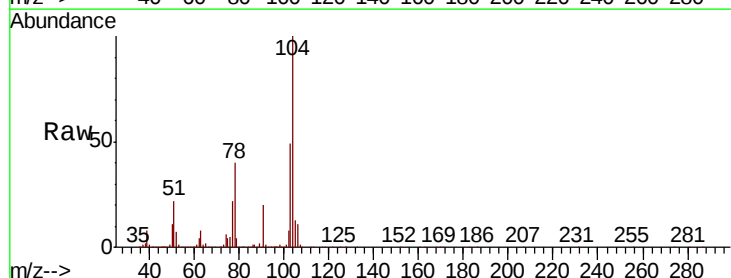
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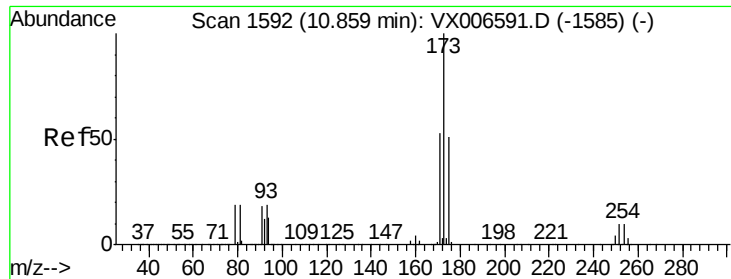
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#70
Styrene
Concen: 55.074 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
104	100		
78	47.7	37.7	56.5
103	55.1	43.8	65.8





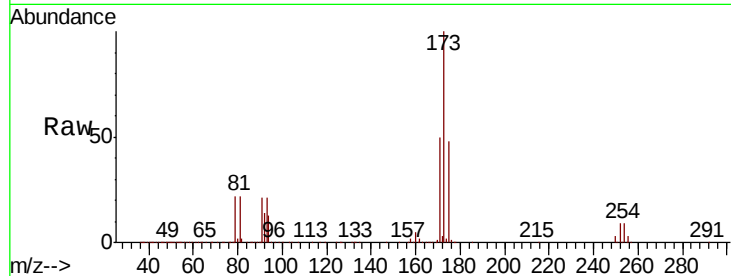
#71
Bromoform
Concen: 52.325 ug/l
RT: 10.85 min Scan# 1591
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
173	100		
175	49.7	24.7	74.1
254	0.2	0.2	0.2

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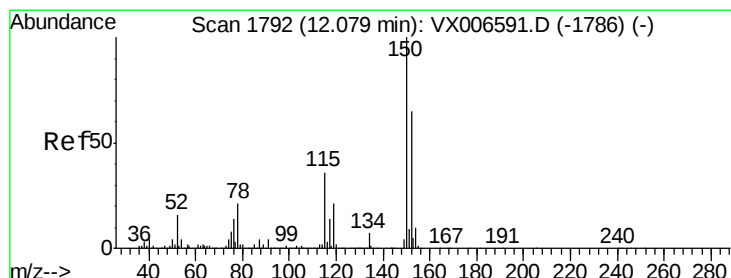
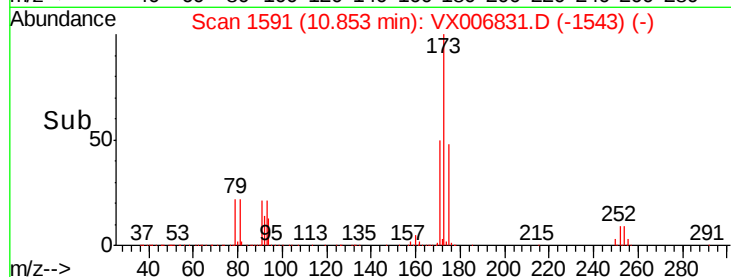
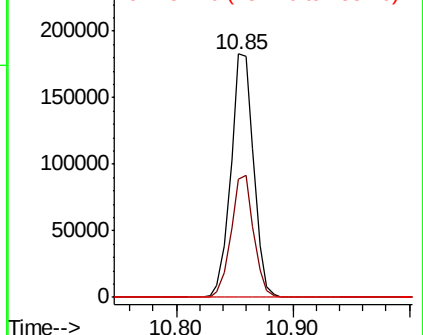


Abundance

Ion 172.70 (172.40 to 173.40): V

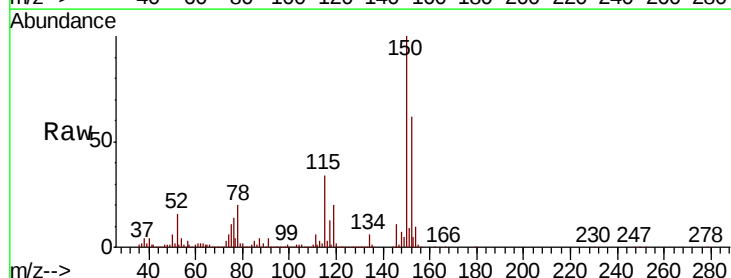
Ion 174.70 (174.40 to 175.40): V

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: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
152	100		
115	75.4	39.1	117.2
150	175.2	0.0	344.8

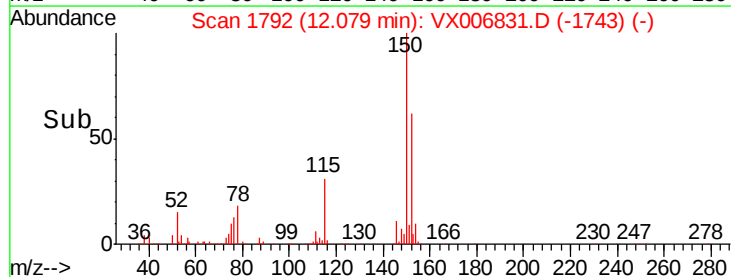
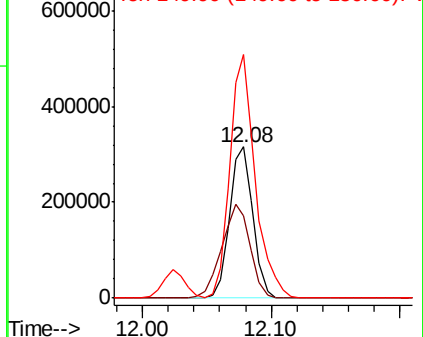


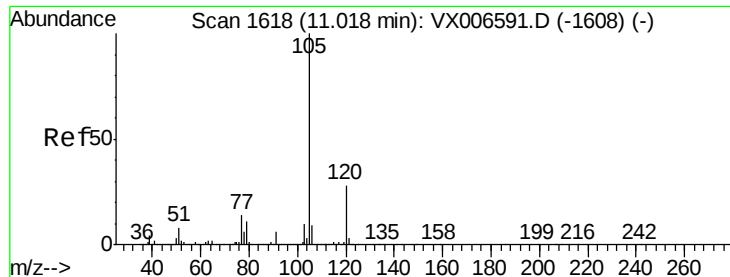
Abundance

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: 50.816 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:105 Resp: 1383256

Ion Ratio Lower Upper

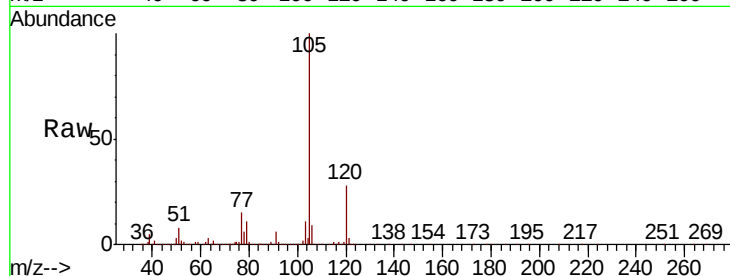
105 100

120 27.5 14.1 42.4

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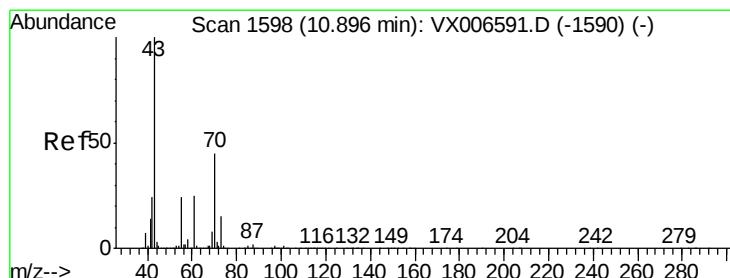
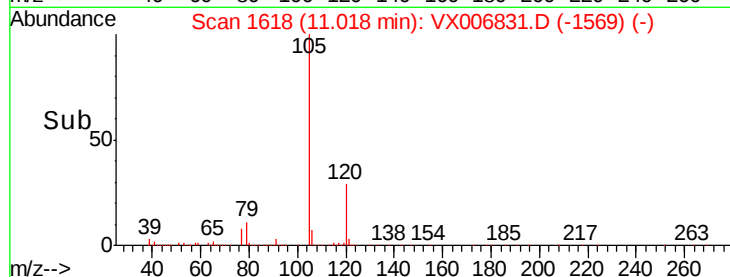
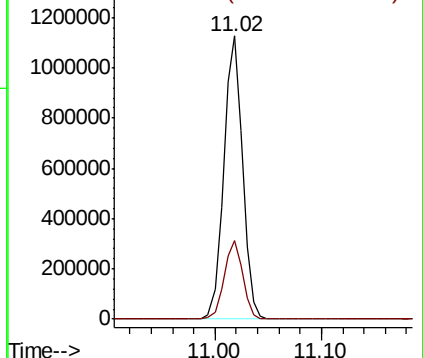
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Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 62.497 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Tgt Ion: 43 Resp: 608934

Ion Ratio Lower Upper

43 100

70 42.4 35.8 53.8

55 23.5 19.4 29.0

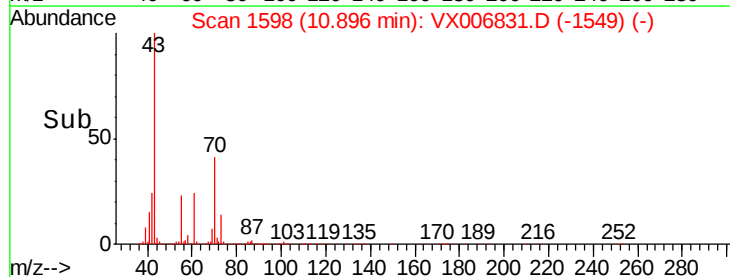
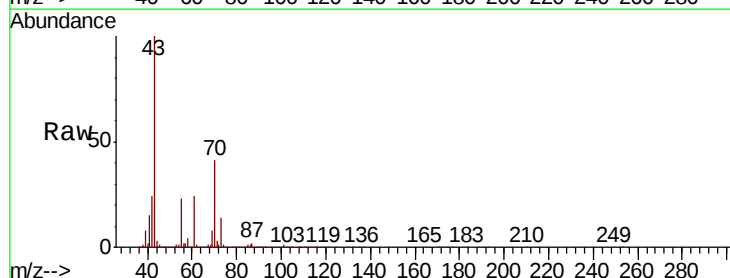
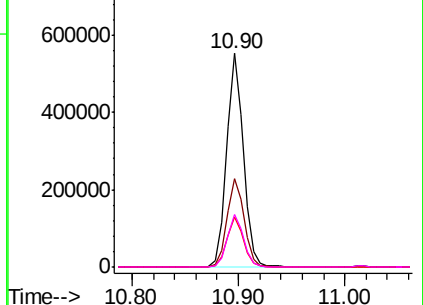
61 24.1 20.1 30.1

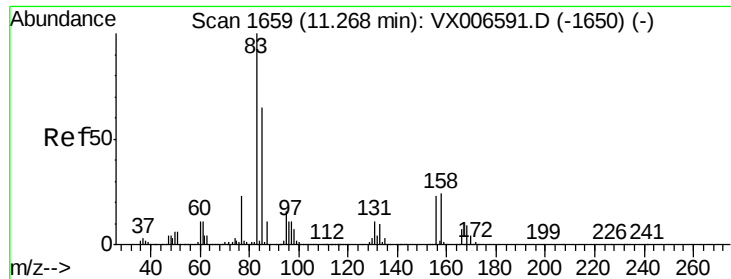
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 56.488 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 83 Resp: 457299

Ion Ratio Lower Upper

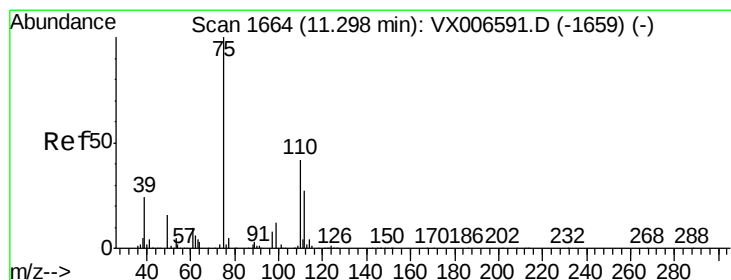
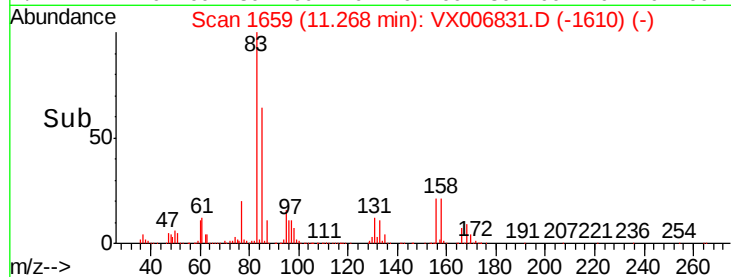
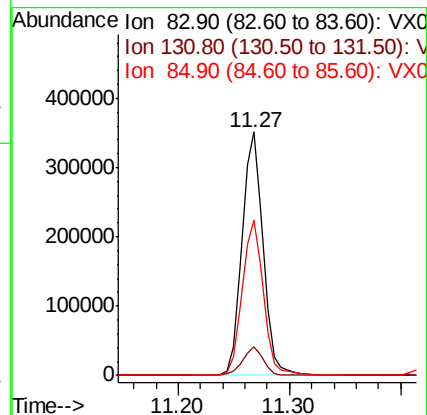
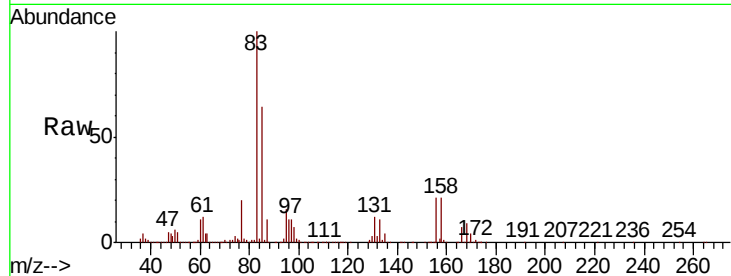
83 100

131 11.4 5.7 17.1

85 64.1 32.2 96.6

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#76

1,2,3-Trichloropropane

Concen: 59.198 ug/l m

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX006831.D

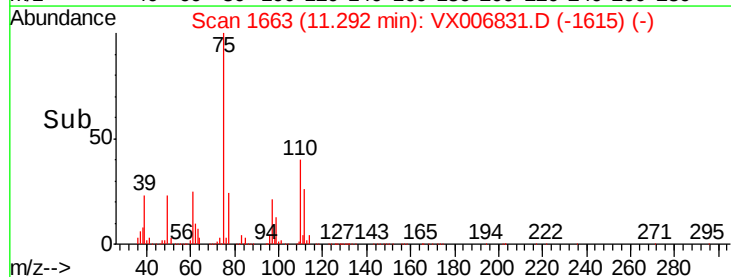
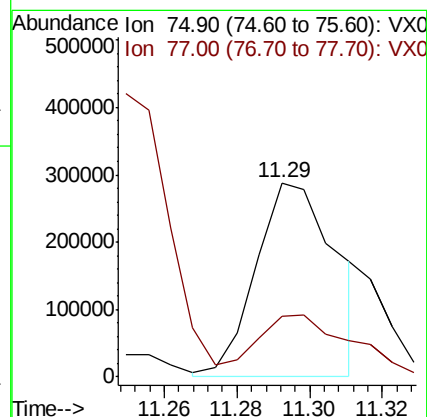
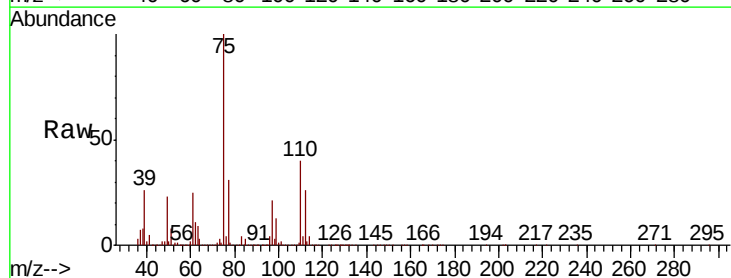
Acq: 27 Dec 2018 10:01

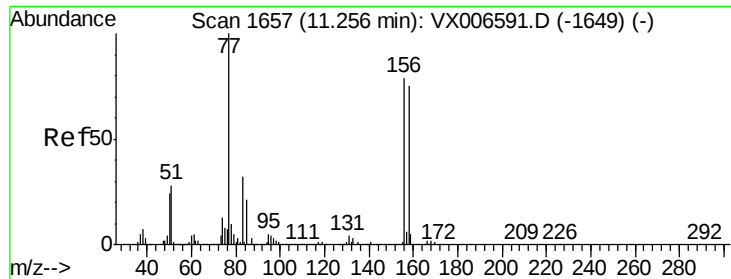
Tgt Ion: 75 Resp: 437745

Ion Ratio Lower Upper

75 100

77 38.5 18.5 55.5





#77

Bromobenzene

Concen: 55.504 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

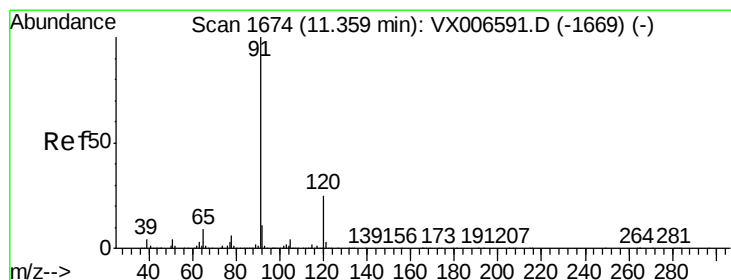
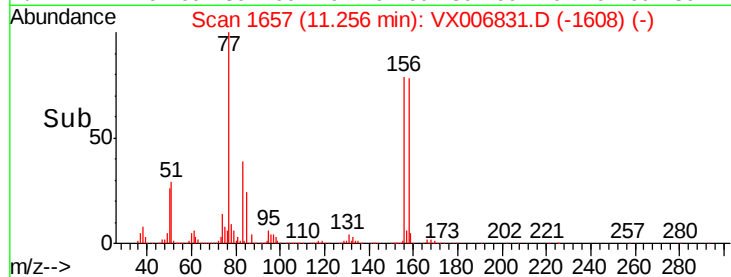
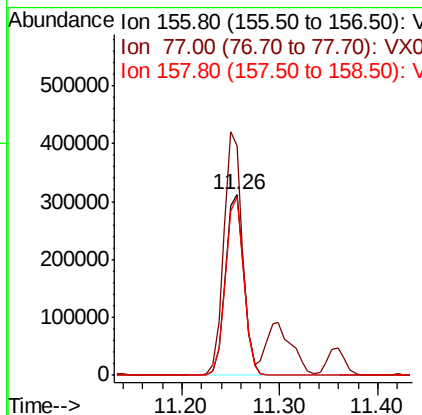
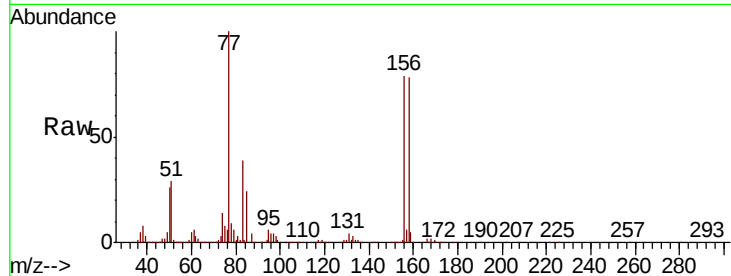
ClientSampleId :

VSTDCCC050

Tot Ion	Ratio	Lower	Upper
156	100		
77	134.0	68.0	204.0
158	98.1	48.3	144.8

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#78

n-propylbenzene

Concen: 50.850 ug/l

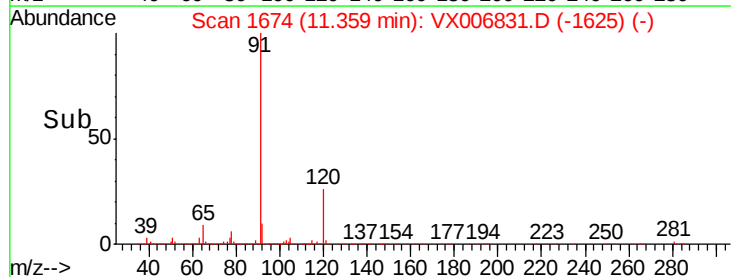
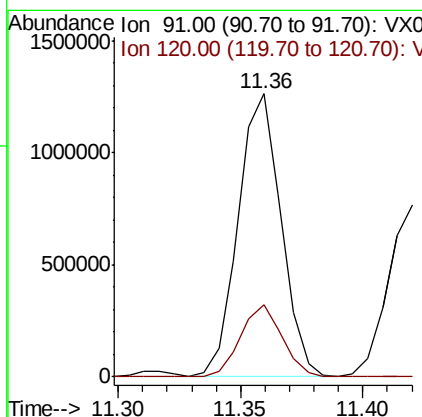
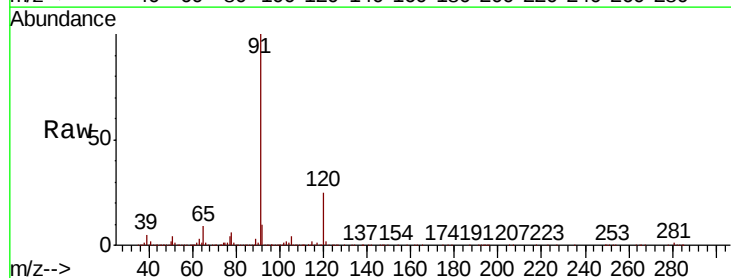
RT: 11.36 min Scan# 1674

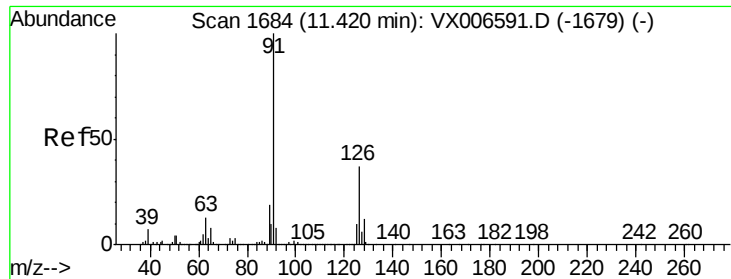
Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
120	24.9	12.7	38.0





#79

2-Chlorotoluene

Concen: 51.577 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 91 Resp: 936919

Ion Ratio Lower Upper

91 100

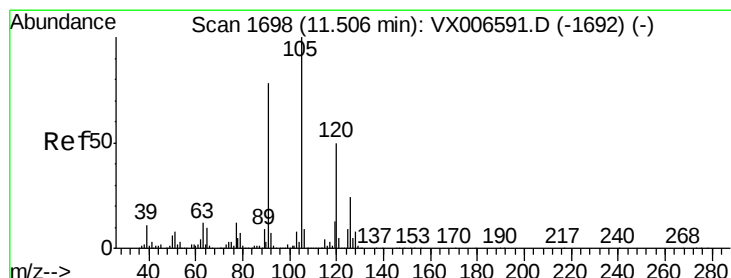
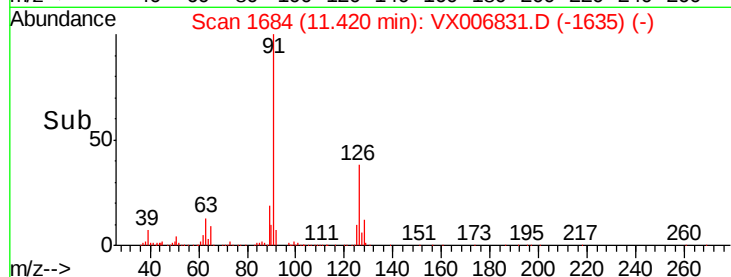
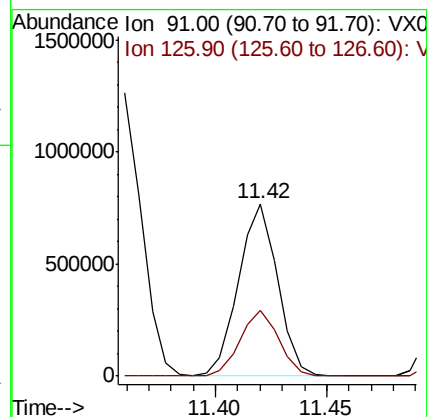
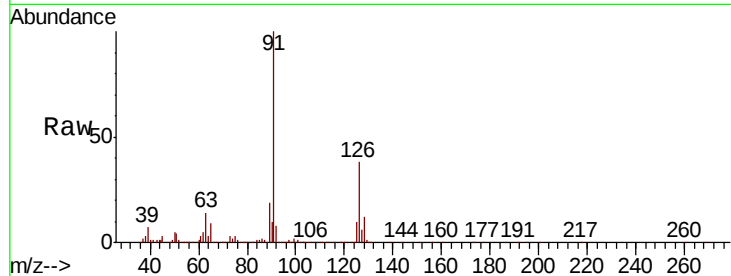
126 37.8 18.6 56.0

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#80

1,3,5-Trimethylbenzene

Concen: 49.011 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006831.D

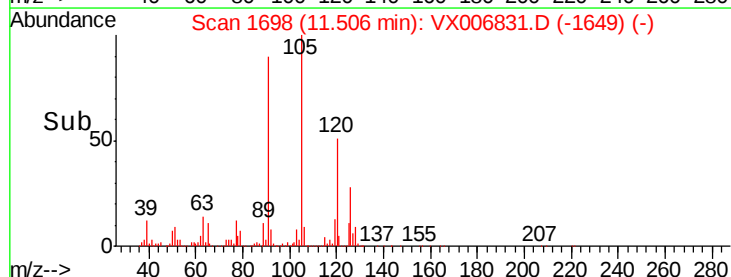
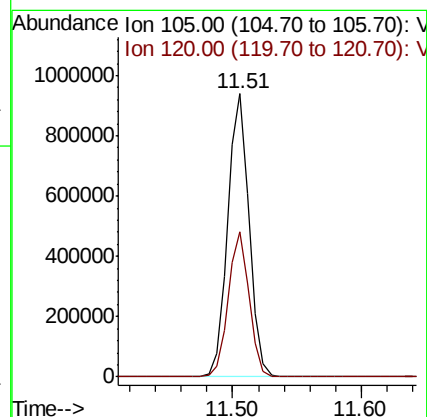
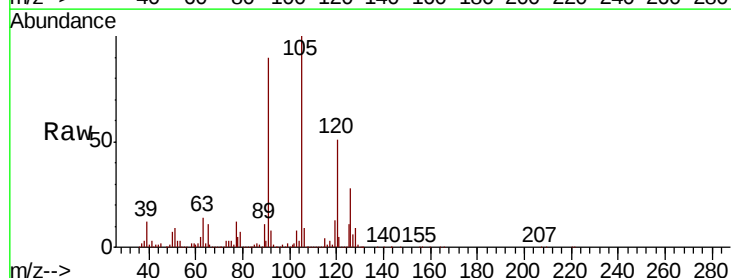
Acq: 27 Dec 2018 10:01

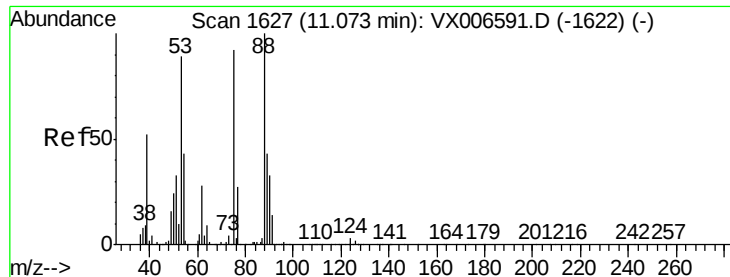
Tgt Ion: 105 Resp: 1098869

Ion Ratio Lower Upper

105 100

120 50.1 25.1 75.3





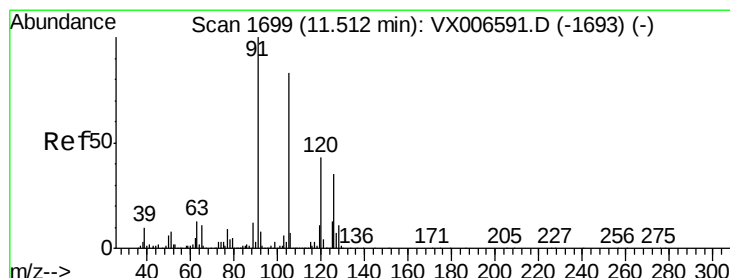
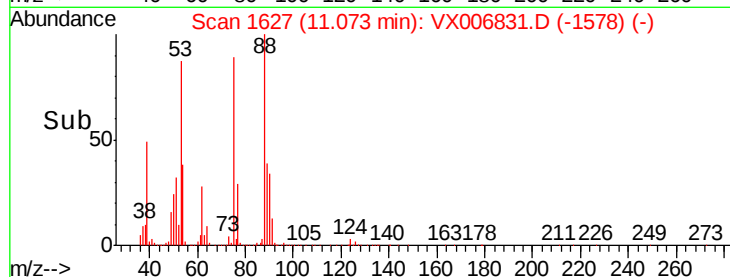
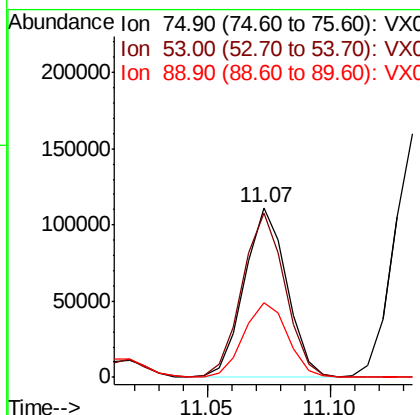
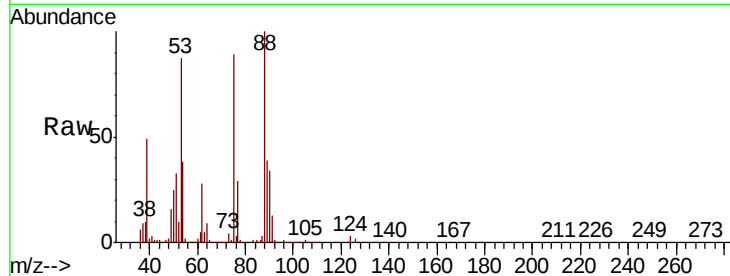
#81
trans-1,4-Dichloro-2-butene
Concen: 54.726 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Lower	Upper
75	100		
53	97.4	79.7	119.5
89	46.1	38.0	57.0

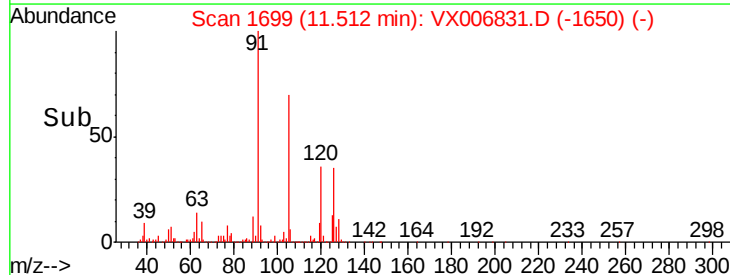
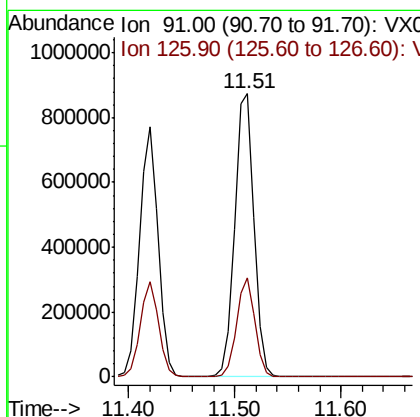
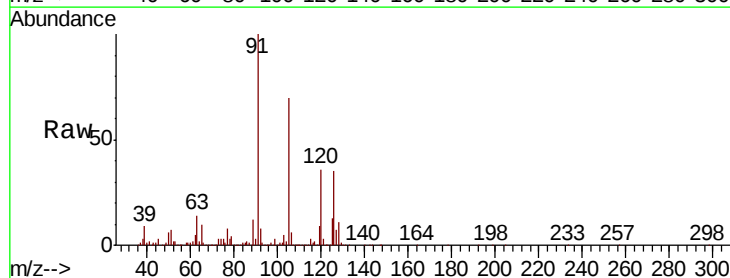
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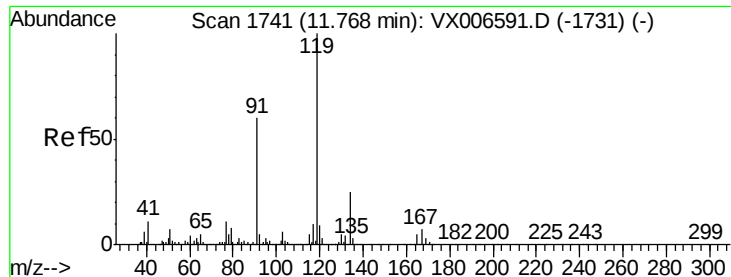
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#82
4-Chlorotoluene
Concen: 53.310 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. -0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.0	16.3	48.9





#83

tert-Butylbenzene

Concen: 48.233 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:119 Resp: 1082333

Ion Ratio Lower Upper

119 100

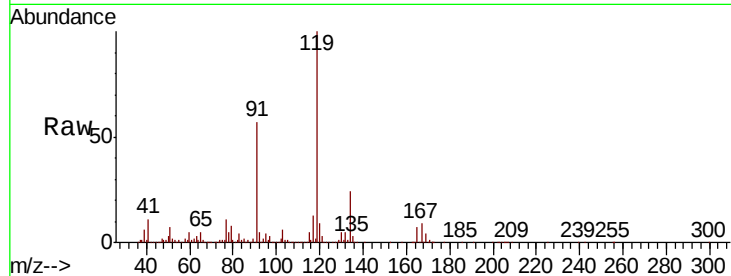
91 54.6 27.7 83.1

134 24.0 11.9 35.5

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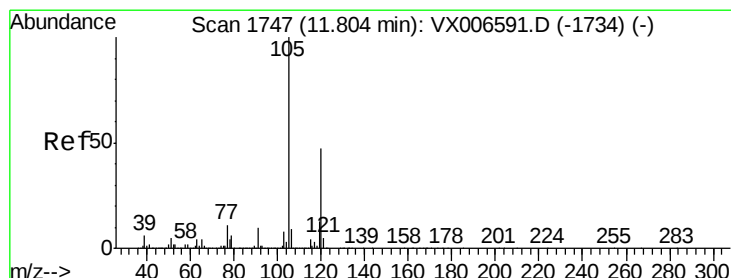
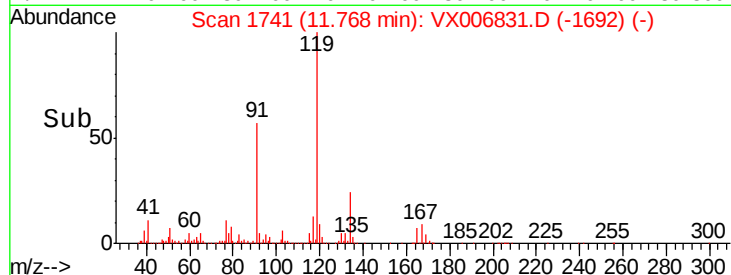
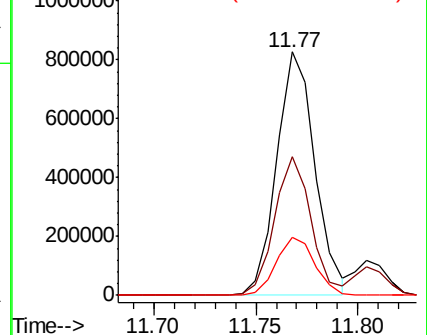
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Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.225 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006831.D

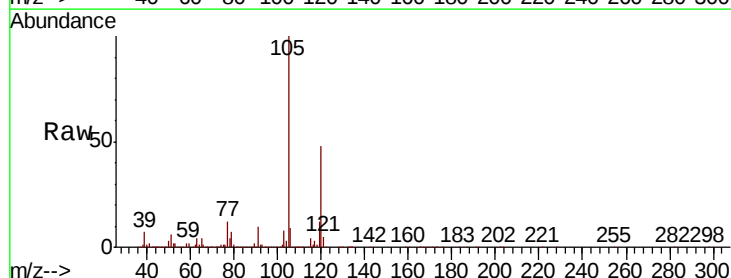
Acq: 27 Dec 2018 10:01

Tgt Ion:105 Resp: 1137291

Ion Ratio Lower Upper

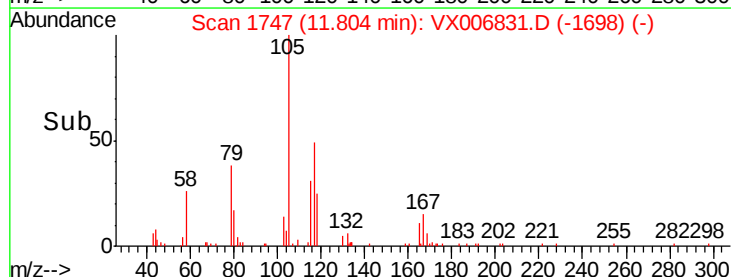
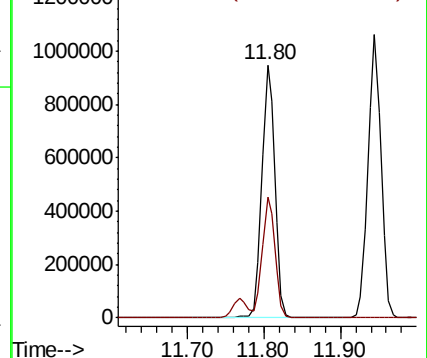
105 100

120 46.5 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





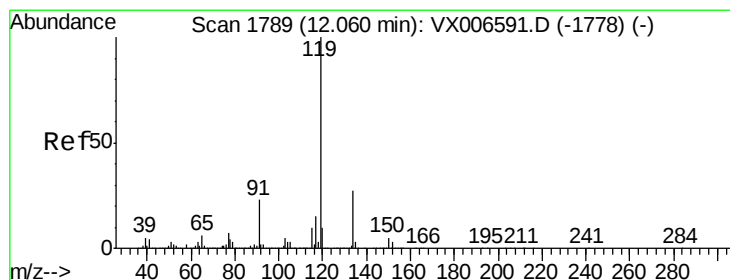
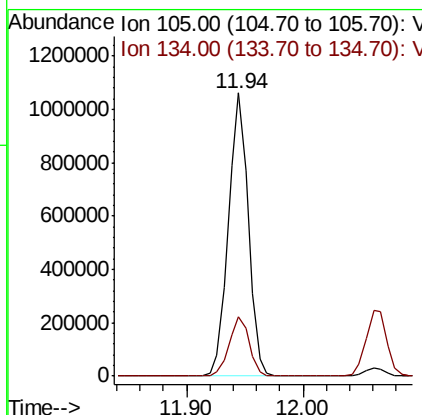
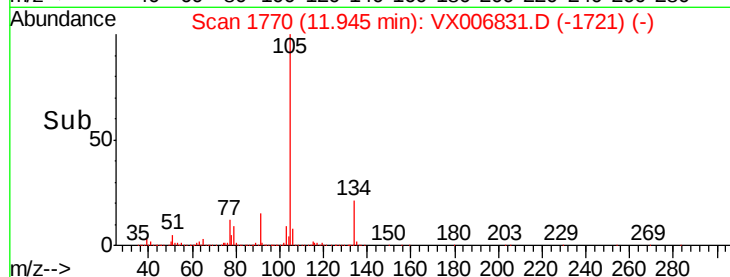
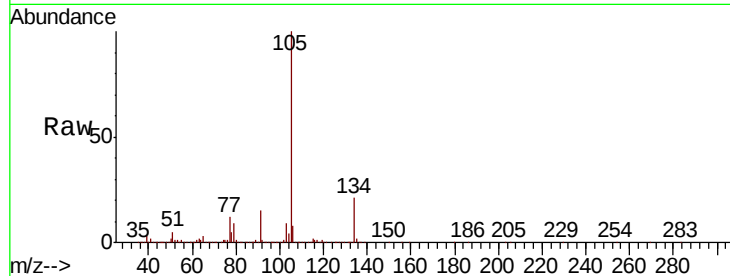
#85
 sec-Butylbenzene
 Concen: 45.628 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:105 Resp: 1255331
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.7 31.9

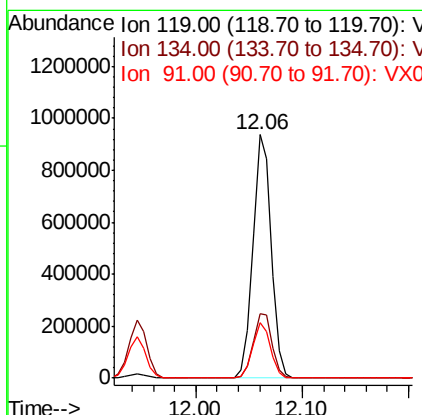
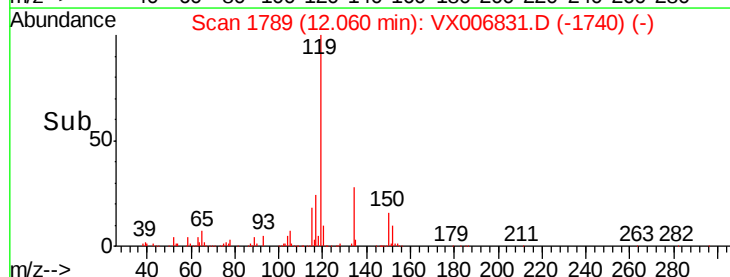
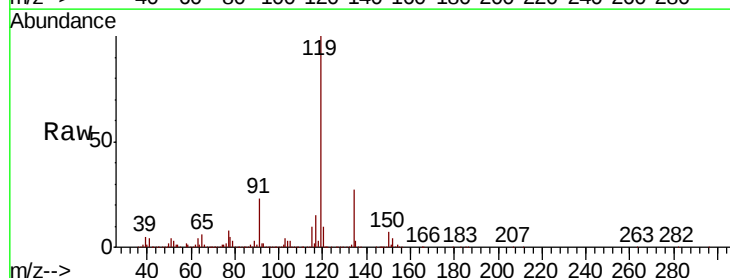
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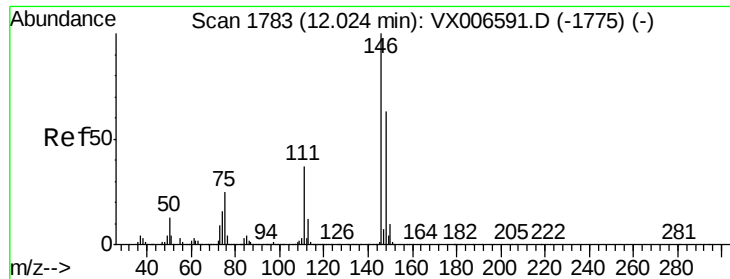
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#86
 p-Isopropyltoluene
 Concen: 46.655 ug/l
 RT: 12.06 min Scan# 1789
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion:119 Resp: 1128338
 Ion Ratio Lower Upper
 119 100
 134 27.3 14.0 41.9
 91 22.5 11.3 33.9





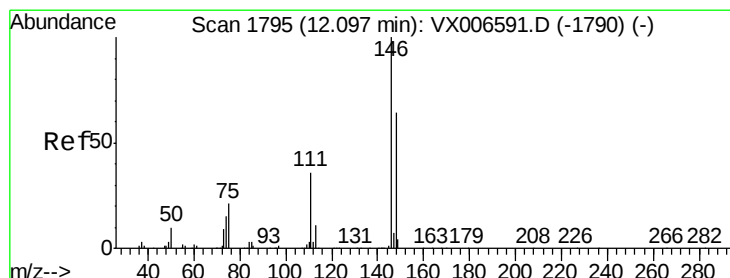
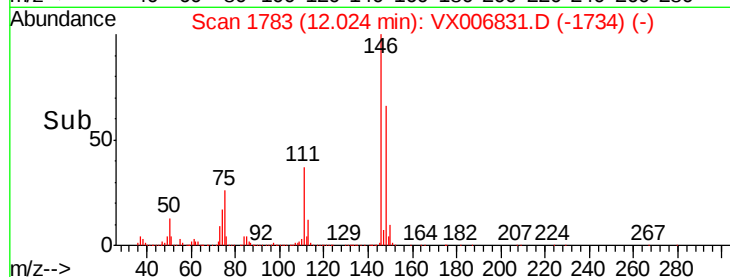
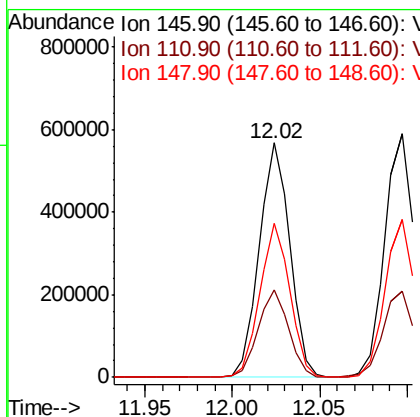
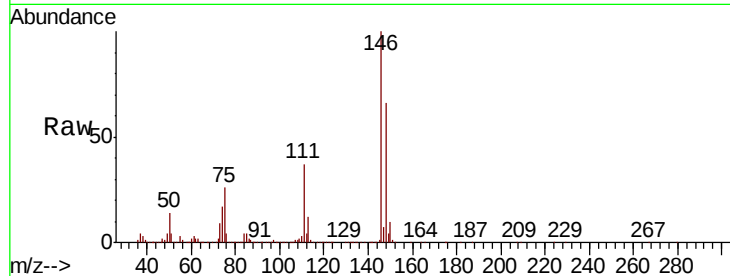
#87
 1,3-Dichlorobenzene
 Concen: 52.171 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	64.3	31.8	95.3

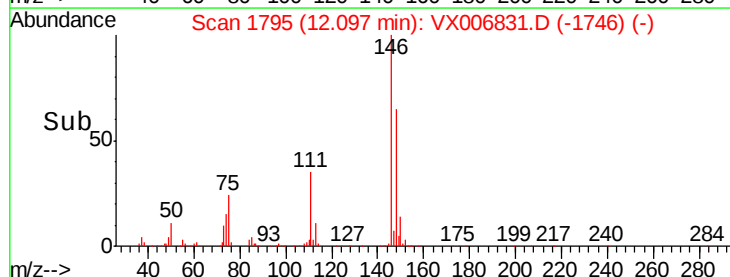
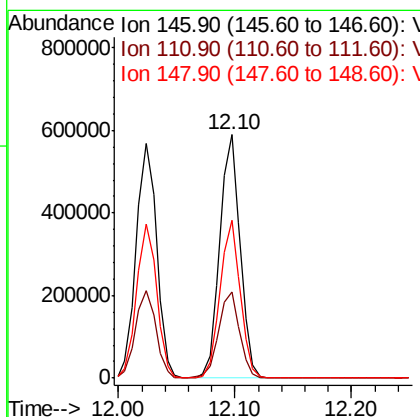
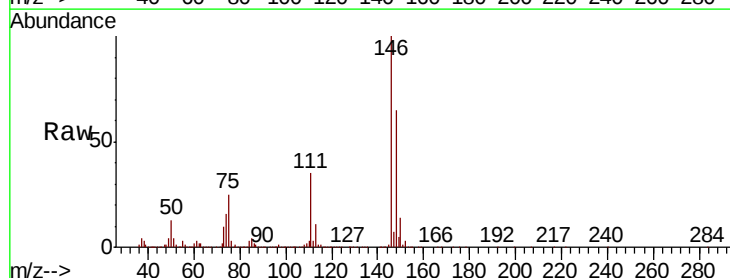
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#88
 1,4-Dichlorobenzene
 Concen: 51.927 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.6	18.1	54.1
148	64.1	31.9	95.9





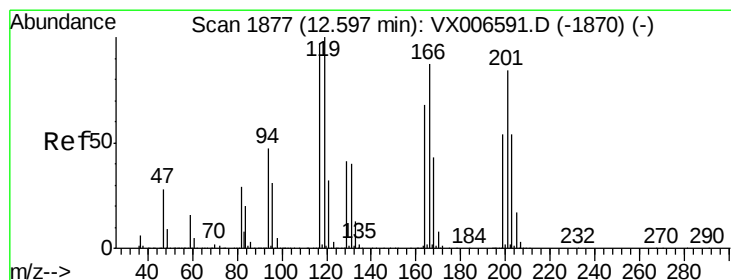
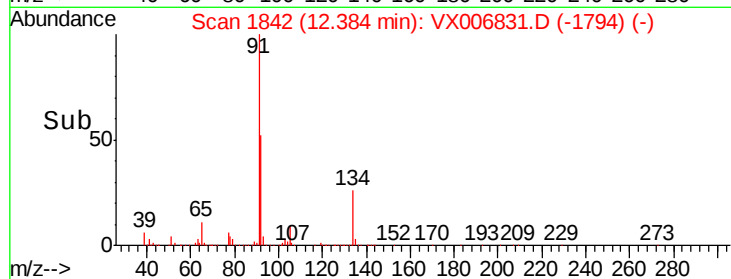
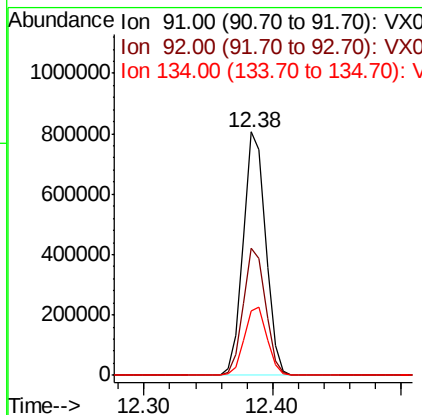
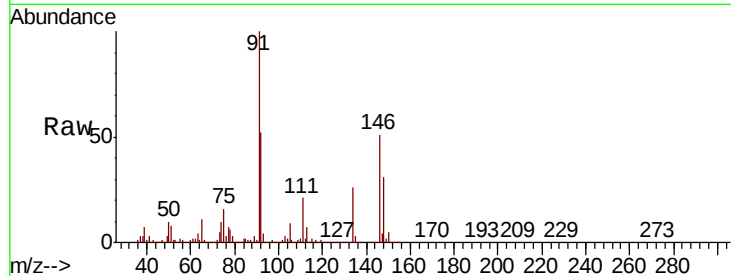
#89
n-Butylbenzene
Concen: 46.930 ug/l
RT: 12.38 min Scan# 1842
Delta R.T. -0.01 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.1	26.8	80.4	
134	28.2	14.4	43.2	

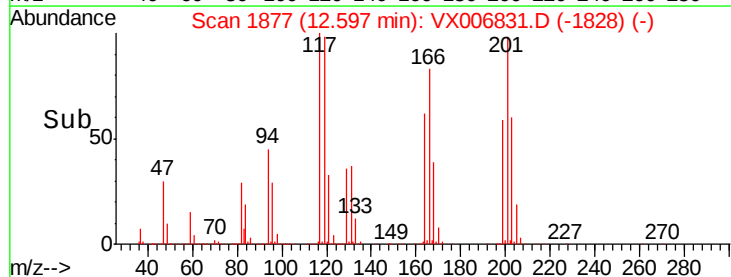
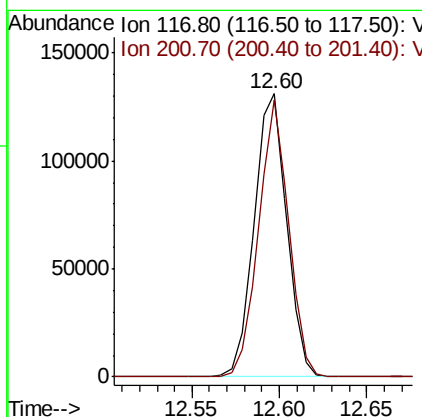
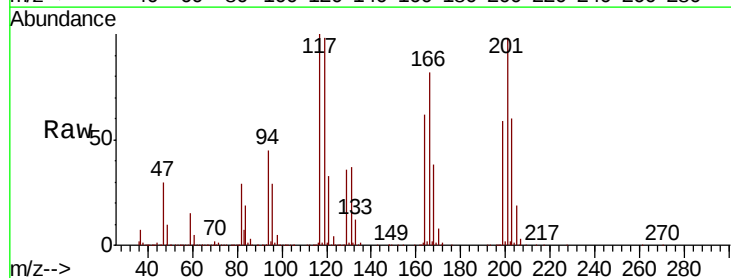
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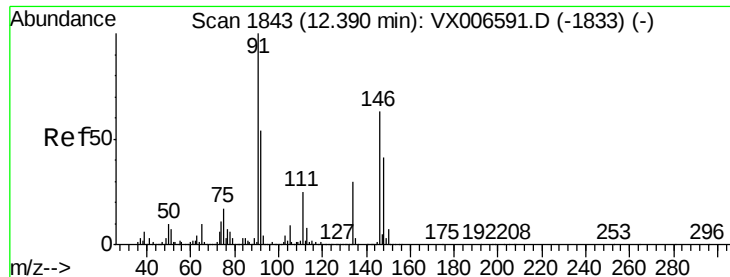
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#90
Hexachloroethane
Concen: 44.828 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006831.D
Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	90.9	42.9	128.7	





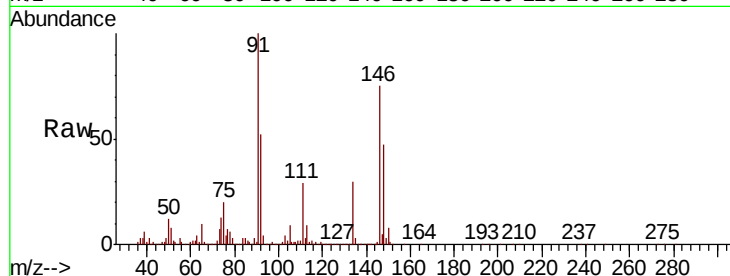
#91
 1,2-Dichlorobenzene
 Concen: 51.588 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

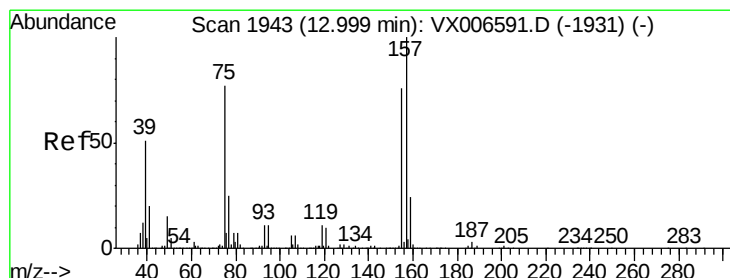
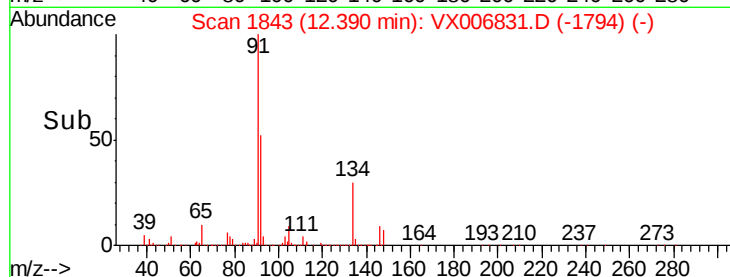
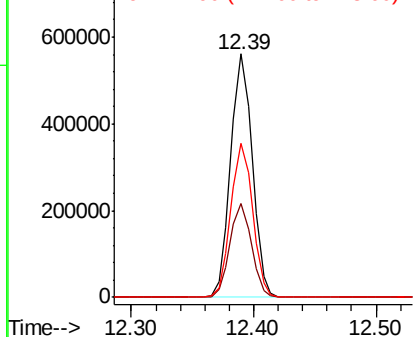
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	19.4	58.2
148	63.7	32.3	96.9

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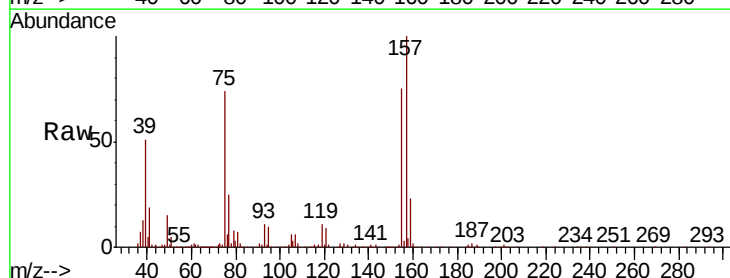


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

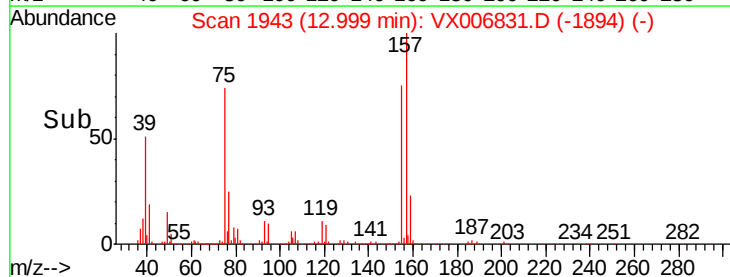
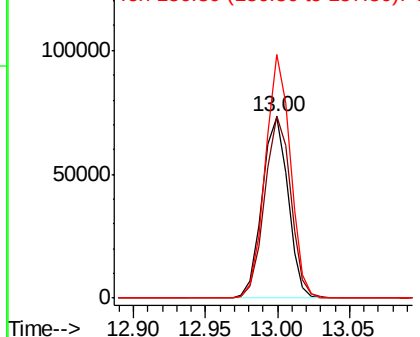


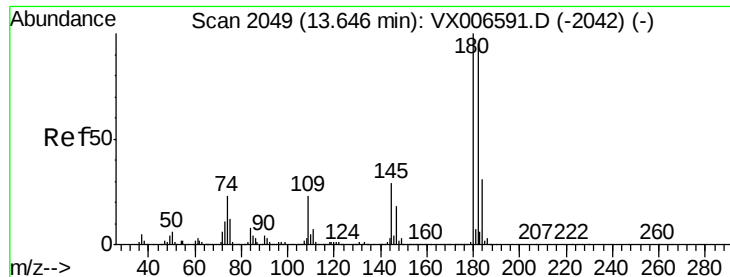
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.259 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Lower	Upper
75	100		
155	101.1	50.6	151.8
157	129.4	64.6	193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V





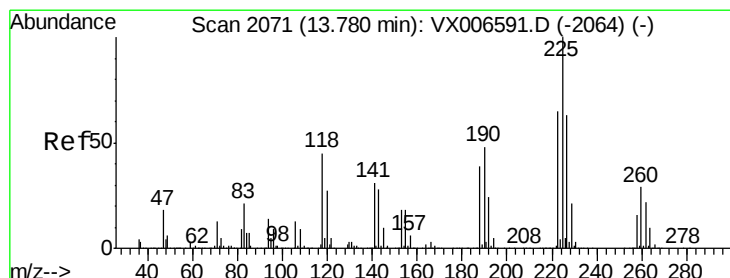
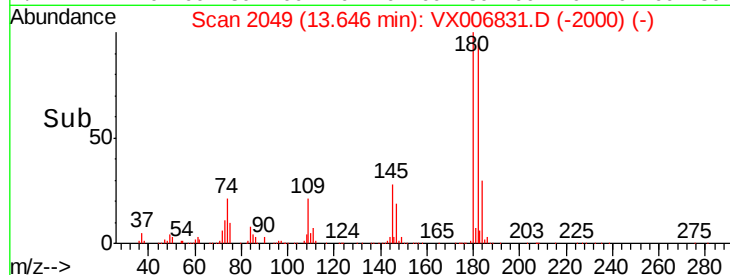
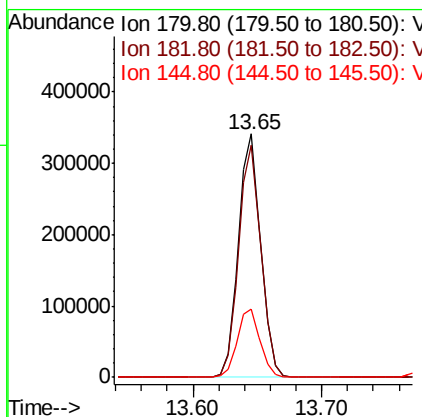
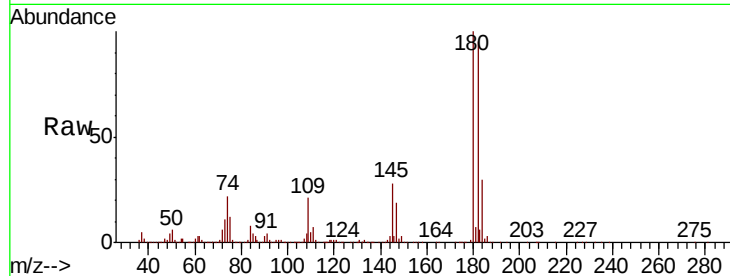
#93
 1,2,4-Trichlorobenzene
 Concen: 44.836 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Resp	Lower	Upper
180	100			
182	95.7	47.3	142.0	
145	28.9	14.8	44.3	

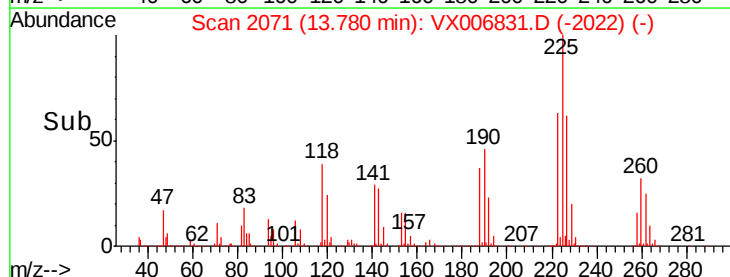
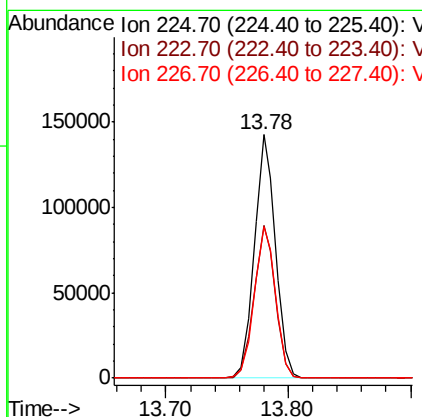
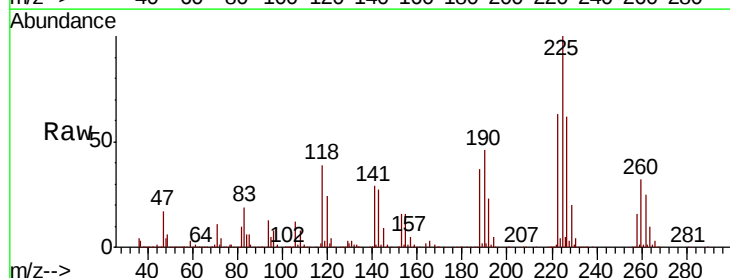
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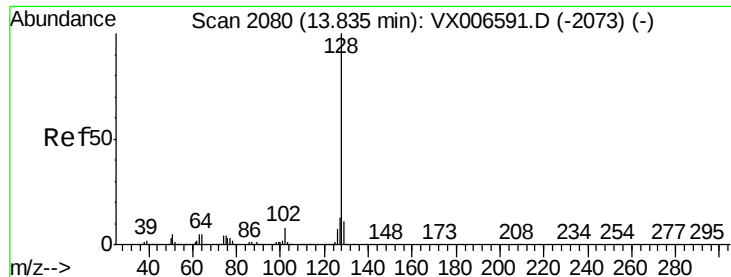
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#94
 Hexachlorobutadiene
 Concen: 39.860 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006831.D
 Acq: 27 Dec 2018 10:01

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	63.1	32.1	96.3	
227	63.2	32.3	96.8	





#95

Naphthalene

Concen: 42.497 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1241343

Ion Ratio Lower Upper

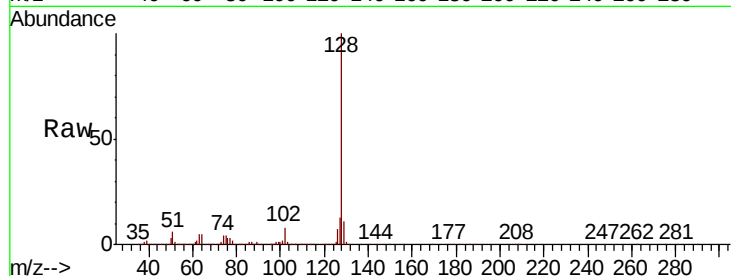
128 100

127 13.0 10.1 15.1

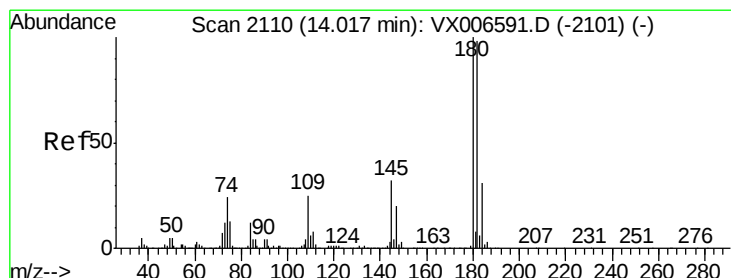
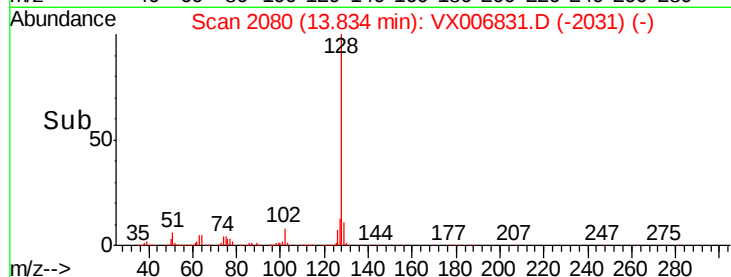
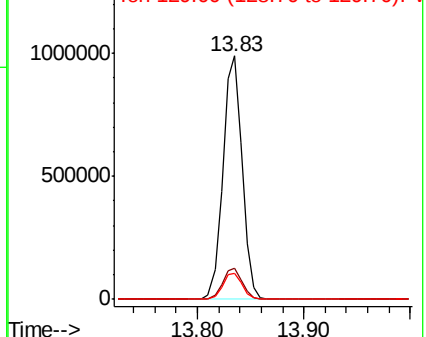
129 10.9 8.6 13.0

Manual Integrations
APPROVED

MMDadoda
12/28/2018 10:27:56 AM



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



#96

1,2,3-Trichlorobenzene

Concen: 41.169 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.00 min

Lab File: VX006831.D

Acq: 27 Dec 2018 10:01

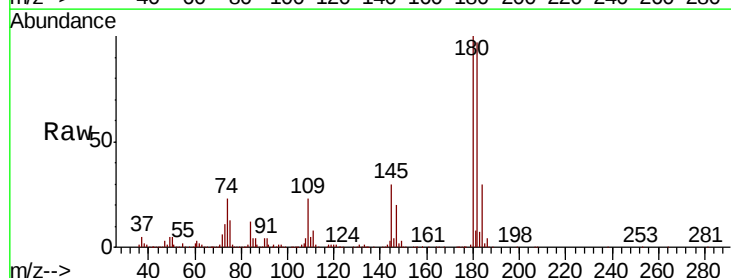
Tgt Ion:180 Resp: 389018

Ion Ratio Lower Upper

180 100

182 96.6 48.5 145.5

145 30.7 16.0 47.9



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

